

**Market Update**

**Equity**

Ukrainian equities rallied across the board on Thursday (Feb 12) after IMF managing director Christine Lagarde announced a new USD 17.5bn support program for the country; equity investors were more impressed than those in the Eurobond market by the announcement, with bondholders likely to take a hit from sovereign restructuring. News that an agreement aimed at ending the fighting in Ukraine was reached at Minsk peace talks also boosted local market activity. The UX index had its best day in more than 7 months, jumping by 6.2% to close at 1105 points. Low-liquidity blue chips Avdyivka Coke (AVDK) and Alchevsk Steel (ALMK) soared by 40% and 23% respectively, while volume leader Motor Sich (MSICH) gained 5.3% to close at UAH 2913 per share and CentrEnergO (CEEN) rose 4.9% to UAH 7.45. London-listed Ukrainian companies also enjoyed a solid rise, with Avangard (AVGR) surging 37% to USD 3.50, MHP (MHPC) adding 3.2% to USD 9.60, and Ferrexpo (FXPO) advancing 10.4% to GBP 68.75. In Warsaw trading diversified agriculture group Kernel (KER) rose by 4.8% to PLN 31.75 and sugar producer Astarta (AST) picked up 1.6%. Lugansk-based Agroton (AGT) gained 8.6% to close at PLN 1.52.

**Fixed Income**

Ukrainian sovereigns had a lukewarm reaction to the announcement of an upgraded IMF bailout for the country on Thursday, with Ukraine-23s edging down by 0.6p.p. to 52.5/54.8 (19.3%/18.4%) after a notable gain the previous day. Corporate names were mixed. MHP-20s improved by 1.4p.p. to 62.8/65.0 (20.2%/19.3%) while DTEK-15s declined by 5.0p.p. and closed at 55.0/65.0 (416.1%/279.1%), reflecting the very high probability of a restructuring of these bonds.

| Volume Leaders | Ticker | Last, UAH | 1D ch | Volume, UAH mn | Number of Trades |
|----------------|--------|-----------|-------|----------------|------------------|
| CentrenergO    | CEEN   | 7.45      | 4.9%  | 2.6            | 291              |
| Ukrnafta       | UNAF   | 292.40    | 5.0%  | 1.3            | 224              |
| Motor Sich     | MSICH  | 2913.00   | 5.3%  | 1.3            | 134              |

**Growth Leaders**

|                |      |      |       |      |     |
|----------------|------|------|-------|------|-----|
| Khartsyzk Pipe | HRTR | 0.50 | 47.5% | 0.02 | 18  |
| Avdyivka Coke  | AVDK | 1.67 | 40.3% | 0.10 | 84  |
| Alchevsk Steel | ALMK | 0.02 | 23.2% | 0.07 | 108 |

**Loss Leaders**

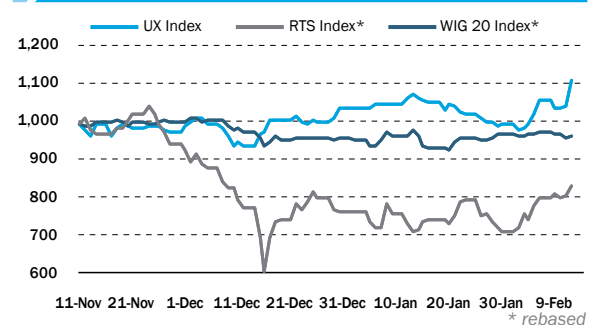
|               |      |        |      |       |     |
|---------------|------|--------|------|-------|-----|
| Kryukiv Wagon | KVBZ | 12.33  | 2.8% | 0.114 | 31  |
| MHP           | MHPC | 262.20 | 4.1% | 0.353 | 21  |
| CentrenergO   | CEEN | 7.45   | 4.9% | 2.569 | 291 |

**Highlights**

**POLITICS AND ECONOMICS**

- Lagarde: New Assistance to Ukraine Could Reach USD 40bn

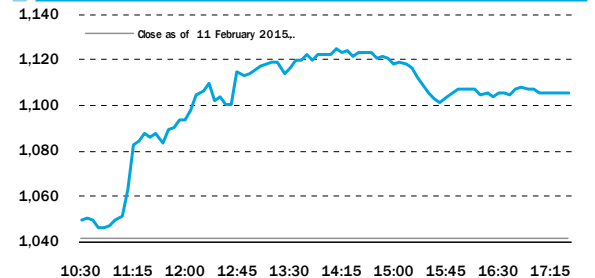
**STOCK MARKET PERFORMANCE**



**MARKET INDEXES**

|         | Last   | 1D ch | 1M ch | YTD  |
|---------|--------|-------|-------|------|
| UX      | 1105.9 | 6.2%  | 4.4%  | 7.0% |
| RTS     | 861.9  | 3.6%  | 13.9% | 9.0% |
| WIG20   | 2338.4 | 0.6%  | 0.4%  | 1.0% |
| MSCI EM | 971.2  | 1.0%  | 1.6%  | 1.6% |
| S&P 500 | 2088.5 | 1.0%  | 3.0%  | 1.4% |

**UX INTRADAY FEBRUARY 12, 2015**



**FIXED INCOME**

|               | Last   | 1D ch     | 1M ch     | YTD       |
|---------------|--------|-----------|-----------|-----------|
| EMBI+Global   | 422.8  | -1.8%     | -5.3%     | 4.6%      |
| CDS 5Y UKR    | 1065.7 | -58.1%    | -54.3%    | -52.3%    |
| Ukraine-17    | 31.8%  | 0.1 p.p.  | 4.6 p.p.  | 6.1 p.p.  |
| Ferrexpo-16   | 33.1%  | -1.1 p.p. | 1.9 p.p.  | 1.8 p.p.  |
| Ukraine-23    | 18.8%  | 0.2 p.p.  | 2.7 p.p.  | 11.3 p.p. |
| Privatbank-16 | 121.0% | 1.5 p.p.  | 33.5 p.p. | 35.6 p.p. |

**CURRENCY**

|     | Last, UAH | 1D ch | 1M ch | YTD   |
|-----|-----------|-------|-------|-------|
| USD | 26.70     | 2.7%  | 68.9% | 68.8% |
| EUR | 30.45     | 3.3%  | 62.8% | 59.1% |
| RUB | 0.41      | 2.6%  | 64.6% | 48.9% |

**COMMODITIES**

|               | Last   | 1D ch | 1M ch  | YTD    |
|---------------|--------|-------|--------|--------|
| Wheat, USD/t* | 216.9  | 0.0%  | -8.4%  | -11.9% |
| Steel, USD/t  | 405.0  | 0.0%  | -10.0% | -10.0% |
| Oil, USD/bbl  | 59.3   | 6.0%  | 18.4%  | 3.4%   |
| Gold, USD/oz  | 1222.2 | 0.3%  | -0.9%  | 3.1%   |

\*Ukraine FOB

Source: Bloomberg, Ukrainian Exchange

## Lagarde: New Assistance to Ukraine Could Reach USD 40bn

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### NEWS

The Ukrainian government will receive a new USD 17.5bn bailout package for the next four years from the IMF, according to a statement from IMF Managing Director Christine Lagarde made on Thursday (Feb 12). Lagarde said that total Western assistance to Ukraine, including sovereign debt relief, is expected near USD 40bn over the period. The IMF money (subject to board approval in the next month) will be disbursed according to an economic reform program called an Extended Fund Facility (EFF). The announcement of the EFF program came just a couple of hours before the leaders of Germany, France, Russia, and Ukraine agreed on a deal to end fighting in eastern Ukraine. The deal reached after all-night negotiations in Minsk included a cease-fire that would come into effect on Sunday, followed by the withdrawal of heavy weapons. The four leaders committed to “respect Ukraine’s sovereignty and territorial integrity”, according to a joint declaration to news agencies.

### COMMENTARY

The new IMF bailout is a critical step for Ukraine, as it implies that the country will be able to avoid a default in the near term and will be forced to implement badly needed structural changes. However, Lagarde’s headline figure is a bit misleading, as the negotiations on debt relief with bondholders are going to be difficult, and the new EFF represents a net increase of only USD 5bn over last year’s now-defunct IMF Standby program. The danger in the current situation is that if the new “Minsk 2” ceasefire breaks down and war resumes in Eastern Ukraine (which unfortunately is a likely development, given several points in the deal that appear to be disconnected from political and military reality), the IMF could effectively end up funding the Ukrainian military rather than structural reform efforts.

The IMF once again repeated its demand to eliminate non-transparent schemes in the Ukrainian energy sector, and the government has committed to making further sizable energy tariff increases for households. Currently the basic gas price for households stands just at USD 50 per 1,000 cubic meters (tcm) while the price for imported Russian gas is close to USD 365/tcm in 1Q15.

Besides the help from the IMF, Ukraine is expecting to get USD 2.0bn from the US this year and EUR 2.2bn from the EU. Surprisingly, National Bank (NBU) governor Valeriya Hontareva has already made an overoptimistic statement that Ukraine’s foreign currency reserves will rise from the current USD 6.4bn to USD 17bn by end-2015. In our view, even if cooperation with international creditors goes well, the NBU reserves will not exceed USD 10bn this year, as the past year’s instability has created extremely high demand for hard currency on the domestic market. The IMF’s recommendation is to increase the country’s FX reserves to USD 23bn. As we estimated previously, the government needs at least USD 9.0bn to service its foreign currency debts in 2015.

## EAVEX RECOMMENDATIONS

| Name                         | Ticker  | Price, per share | Target price, per share | Upside, % | Rating | Commentary                                                                                                                                                                                                                                      |
|------------------------------|---------|------------------|-------------------------|-----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Steel&amp;Pipes</b>       |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Azovstal                     | AZST    | 0.80             | 0.56                    | -31%      | SELL   | Non-transparent reporting practices detrimentally affect Azovstal's reported earnings.                                                                                                                                                          |
| <b>Iron Ore</b>              |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Ferrexpo                     | FXPO LN | 68.8             | 108.0                   | 57%       | HOLD   | Exacerbated issue of global ore oversupply together with sluggish growth in demand will likely keep iron ore prices at depressed level at least in the short run boding bad for Ferrexpo's earnings.                                            |
| Pivnichny GOK                | SGOK    | 8.55             | U/R                     | --        | U/R    | On its EGM on 14 Feb 2014, SGOK's shareholders approved additional issue of 14.75mn of new shares implying 0.64% of the company's share capital.                                                                                                |
| Centralny GOK                | CGOK    | 8.40             | U/R                     | --        | U/R    | On its EGM on 19 Feb 2014, CGOK's shareholders made a decision on additional issue of 14.73mn of new shares implying 1.26% of the company's share capital.                                                                                      |
| <b>Coke</b>                  |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Avdyivka Coke                | AVDK    | 1.67             | U/R                     | --        | Susp.  | Avdyivka Coke experienced several artillery attacks since August 2014 due to its location near the border of occupied territory.                                                                                                                |
| Yasynivsky Coke              | YASK    | 0.30             | U/R                     | --        | U/R    | Yasynivsky Coke reported net loss of UAH 22mn for FY13 which was the first negative bottom line since 2004.                                                                                                                                     |
| <b>Coal</b>                  |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Pokrovske Mine               | SHCHZ   | 0.40             | U/R                     | --        | Susp.  | The company's coal production expansion plan were put under high risk of realization due to war in Donbass.                                                                                                                                     |
| <b>Railcar Manufacturing</b> |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Krukiv Wagon                 | KVBZ    | 12.3             | U/R                     | --        | U/R    |                                                                                                                                                                                                                                                 |
| LuganskTeplovoz              | LTPL    | 1.15             | U/R                     | --        | U/R    | LuganskTeplovoz was forced to shut down operations amid military conflict in the region.                                                                                                                                                        |
| <b>Specialized Machinery</b> |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Motor Sich                   | MSICH   | 2913             | 5250                    | 80%       | 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.                                                                  |
| <b>Oil &amp; Gas</b>         |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Concern Galnaftogaz          | GLNG    | 0.15             | 0.24                    | 60%       | BUY    | Galnaftogaz is pursuing a plan to aggressively expand its filling station network.                                                                                                                                                              |
| Regal Petroleum              | RPT     | 4.6              | U/R                     | --        | U/R    | The company has been constantly missed production targets since 2012.                                                                                                                                                                           |
| JKX Oil & Gas                | JKX     | 31.8             | U/R                     | --        | U/R    | 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.                                                                                |
| <b>Power Utilities</b>       |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| DonbasEnergO                 | DOEN    | 32.0             | 72.0                    | 125%      | BUY    | DonbasEnergO is expected to continue practice of 30% dividend payout in a medium term.                                                                                                                                                          |
| CenterEnergO                 | CEEN    | 7.45             | 15.00                   | 101%      | BUY    | CenterEnergO's privatization has been postponed, but the company retains a strong fundamental value due to its large installed electricity generation capacity.                                                                                 |
| <b>Consumer</b>              |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| MHP                          | MHPC    | 9.6              | 17.96                   | 87%       | BUY    | The company is set to reach full capacity utilisation at its greenfield Vinnytsia project in late 2014 on the back of favorable export and domestic markets demand for its poultry.                                                             |
| Astarta                      | AST     | 25.0             | 90.0                    | 260%      | 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    | 3.5              | 2.7                     | -24%      | HOLD   | Loss of the company's output at war-hit Donbass together with UAH devaluation will lead to lower EBITDA in 2015 after some 55% drop in 2014.                                                                                                    |
| Ovostar Union                | OVO     | 71.0             | 80.8                    | 14%       | HOLD   | Ovostar is one of the hardest-hit Ukrainian public companies from this year's UAH devaluation as some 70% of its production cost is linked to USD while only 15% of revenue earned in hard currency.                                            |
| <b>Banks</b>                 |         |                  |                         |           |        |                                                                                                                                                                                                                                                 |
| Raiffeisen Bank Aval         | BAVL    | 0.101            | 0.24                    | 138%      | BUY    | The bank has quite conservative risk policy therefore we assume it would weathered the current financial crisis in Ukraine and will start to generate solid profit starting from FY16.                                                          |

Source: Eavex Research

**PRICES AND QUOTES**

| Name                         | Ticker | Today, UAH* | 52 high, UAH* | 52 low, UAH* | Absolute performance |       |        |        | Performance relative to the UX index |        |        |        |
|------------------------------|--------|-------------|---------------|--------------|----------------------|-------|--------|--------|--------------------------------------|--------|--------|--------|
|                              |        |             |               |              | 1d                   | 1w    | 1m     | ytd    | 1d                                   | 1w     | 1m     | ytd    |
| UX Index                     | UX     | 1105.93     | 1368.76       | 842.02       | 6.2%                 | 8.7%  | 4.4%   | 7.0%   | 0.0%                                 | 0.0%   | 0.0%   | 0.0%   |
| <b>Steel</b>                 |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Alchevsk Steel               | ALMK   | 0.015       | 0.045         | 0.011        | 23.2%                | 17.6% | 5.5%   | 6.2%   | 17.0%                                | 8.9%   | 1.1%   | -0.8%  |
| Azovstal                     | AZST   | 0.80        | 0.95          | 0.35         | 5.9%                 | 11.1% | 5.9%   | 7.7%   | -0.2%                                | 2.4%   | 1.6%   | 0.6%   |
| Enakievo Steel               | ENMZ   | 19.08       | 65.00         | 14.81        | 11.1%                | 2.1%  | -11.2% | -8.9%  | 4.9%                                 | -6.6%  | -15.6% | -16.0% |
| <b>Coke</b>                  |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Avdyivka Coke                | AVDK   | 1.67        | 3.70          | 1.10         | 40.3%                | 42.7% | -9.6%  | -3.5%  | 34.2%                                | 34.1%  | -14.0% | -10.5% |
| Yasnyivsky Coking            | YASK   | 0.30        | 0.84          | 0.18         | 7.1%                 | 11.1% | 7.1%   | 7.1%   | 1.0%                                 | 2.4%   | 2.8%   | 0.1%   |
| <b>Iron Ore Mining</b>       |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Centralny GOK                | CGOK   | 8.40        | n/a           | n/a          | 9.7%                 | 12.0% | 3.7%   | 7.8%   | 3.5%                                 | 3.3%   | -0.7%  | 0.8%   |
| Ferrexpo                     | FXPO   | 68.75       | 171.60        | 47.91        | 10.4%                | 27.3% | 19.6%  | 29.7%  | 4.3%                                 | 18.7%  | 15.2%  | 22.7%  |
| Pivnichny GOK                | SGOK   | 8.55        | 12.30         | 4.44         | 1.2%                 | 1.2%  | -13.9% | 2.2%   | -5.0%                                | -7.5%  | -18.3% | -4.9%  |
| <b>Coal Mining</b>           |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Pokrovske Mine               | SHCHZ  | 0.40        | 0.79          | 0.17         | 37.9%                | 37.9% | 14.3%  | -14.9% | 31.8%                                | 29.3%  | 9.9%   | -21.9% |
| <b>Pipe Manufacturing</b>    |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Khartsyzk Pipe               | HRTR   | 0.50        | 1.01          | 0.20         | 47.1%                | 51.5% | 42.9%  | 31.6%  | 40.9%                                | 42.9%  | 38.5%  | 24.6%  |
| <b>Railcar Manufacturing</b> |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Kryukiv Wagon                | KVBZ   | 12.33       | 24.99         | 10.00        | 2.8%                 | -0.2% | -3.7%  | -4.0%  | -3.3%                                | -8.9%  | -8.1%  | -11.1% |
| Luhanskteplovoz              | LTPL   | 1.15        | 1.80          | 0.85         | 27.8%                | 15.0% | 5.5%   | 6.5%   | 21.6%                                | 6.3%   | 1.1%   | -0.5%  |
| <b>Specialized Machinery</b> |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Motor Sich                   | MSICH  | 2913        | 2939          | 1587         | 5.0%                 | 11.2% | 14.1%  | 17.3%  | -1.2%                                | 2.5%   | 9.7%   | 10.3%  |
| Turboatom                    | TATM   | n/a         | n/a           | n/a          | n/a                  | n/a   | n/a    | n/a    | n/a                                  | n/a    | n/a    | n/a    |
| <b>Telecom</b>               |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Ukrtelecom                   | UTLM   | 0.15        | 0.20          | 0.09         | 10.3%                | 30.4% | -1.3%  | -1.3%  | 4.1%                                 | 21.8%  | -5.7%  | -8.3%  |
| <b>Oil &amp; Gas</b>         |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Regal Petroleum              | RPT    | 4.63        | 12.50         | 3.13         | 13.8%                | 8.8%  | 4.6%   | 48.0%  | 7.6%                                 | 0.2%   | 0.2%   | 41.0%  |
| JKX Oil                      | JKX    | 31.75       | 68.50         | 11.00        | 6.3%                 | 38.0% | 154.0% | 164.6% | 0.1%                                 | 29.4%  | 149.6% | 157.6% |
| Ukrnafta                     | UNAF   | 292.4       | 375.0         | 54.0         | 5.9%                 | 8.9%  | 35.2%  | 43.8%  | -0.3%                                | 0.2%   | 30.9%  | 36.8%  |
| <b>Power Utilities</b>       |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Centrenergo                  | CEEN   | 7.45        | 8.70          | 3.00         | 5.1%                 | 5.6%  | -3.4%  | -1.2%  | -1.1%                                | -3.1%  | -7.8%  | -8.3%  |
| Donbasenergo                 | DOEN   | 31.97       | 50.16         | 11.00        | 6.0%                 | 4.2%  | -8.3%  | -3.1%  | -0.2%                                | -4.5%  | -12.7% | -10.2% |
| Zakhidenergo                 | ZAEN   | 164.2       | 199.8         | 91.2         | 0.0%                 | 0.0%  | 10.9%  | 10.9%  | -6.2%                                | -8.7%  | 6.5%   | 3.8%   |
| <b>Consumer</b>              |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Agroton                      | AGT    | 1.52        | 5.48          | 1.19         | 8.6%                 | 20.6% | 4.8%   | 23.6%  | 2.4%                                 | 12.0%  | 0.4%   | 16.5%  |
| Astarta                      | AST    | 25.00       | 60.00         | 14.50        | 1.6%                 | 2.5%  | -5.3%  | 25.0%  | -4.6%                                | -6.1%  | -9.7%  | 18.0%  |
| Avangardo                    | AVGR   | 3.50        | 11.36         | 1.83         | 37.3%                | 74.1% | 62.8%  | 70.7%  | 31.1%                                | 65.5%  | 58.4%  | 63.7%  |
| Industrial Milk Company      | IMC    | 6.45        | 10.49         | 5.46         | 3.2%                 | 5.7%  | 0.8%   | 13.8%  | -3.0%                                | -2.9%  | -3.6%  | 6.7%   |
| Kernel                       | KER    | 31.75       | 38.25         | 22.00        | 4.8%                 | 7.6%  | 0.8%   | 11.6%  | -1.4%                                | -1.0%  | -3.6%  | 4.5%   |
| Mriya Agro Holding           | MAYA   | 0.50        | 6.00          | 0.50         | -1.8%                | -4.0% | -15.3% | -11.2% | -8.0%                                | -12.7% | -19.7% | -18.2% |
| MHPC                         | MHPC   | 9.60        | 16.00         | 9.00         | 3.2%                 | 3.2%  | 5.4%   | 4.3%   | -3.0%                                | -5.4%  | 1.0%   | -2.7%  |
| Milkiland                    | MLK    | 2.39        | 10.48         | 1.48         | 7.7%                 | 5.8%  | 41.4%  | 61.5%  | 1.5%                                 | -2.9%  | 37.0%  | 54.5%  |
| Ovostar Union                | OVO    | 71.00       | 76.74         | 59.40        | 1.0%                 | 0.7%  | -1.4%  | -1.4%  | -5.2%                                | -8.0%  | -5.8%  | -8.4%  |
| <b>Chemicals</b>             |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Stirol                       | STIR   | 8.50        | n/a           | n/a          | 6.3%                 | 6.3%  | 22.7%  | 22.7%  | 0.1%                                 | -2.4%  | 18.3%  | 15.6%  |
| <b>Banks</b>                 |        |             |               |              |                      |       |        |        |                                      |        |        |        |
| Raiffeisen Bank Aval         | BAVL   | 0.101       | 0.190         | 0.086        | 6.3%                 | 11.6% | 5.5%   | 5.2%   | 0.1%                                 | 2.9%   | 1.1%   | -1.8%  |
| UkrSotsbank                  | USCB   | 0.116       | 0.202         | 0.090        | 5.5%                 | -1.7% | -10.9% | -10.9% | -0.7%                                | -10.4% | -15.3% | -17.9% |

Source: Bloomberg

\* companies listed abroad are in traded currency

**MAIN FINANCIAL FORECASTS, USD mn**

| Name                         | Ticker | Net Sales    |       |       | EBITDA       |       |       | EBITDA margin |       |       | Net Profit |       |       | Net Profit margin |        |        |
|------------------------------|--------|--------------|-------|-------|--------------|-------|-------|---------------|-------|-------|------------|-------|-------|-------------------|--------|--------|
|                              |        | 2013         | 2014E | 2015E | 2013         | 2014E | 2015E | 2013          | 2014E | 2015E | 2013       | 2014E | 2015E | 2013              | 2014E  | 2015E  |
| <b>Steel</b>                 |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Alchevsk Steel               | ALMK   | 1,729        | 700   | 346   | -62          | -83   | -124  | neg           | neg   | neg   | -214       | -158  | -235  | neg               | neg    | neg    |
| Enakievo Steel               | ENMZ   | 1,507        | 1,250 | 1,063 | -7           | 45    | 51    | neg           | 3.6%  | 4.8%  | -61        | -125  | -59   | neg               | neg    | neg    |
| Azovstal                     | AZST   | 2,562        | 1,775 | 1,509 | -81          | 152   | 113   | neg           | 8.5%  | 7.5%  | -308       | 35    | 23    | neg               | 2.0%   | 1.5%   |
| <b>Coke</b>                  |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Avdyivka Coke                | AVDK   | 914          | 509   | 382   | 46           | -54   | -74   | 5.0%          | neg   | neg   | -6         | -75   | -106  | neg               | neg    | neg    |
| Yasynivsky Coking            | YASK   | 367          | 198   | 159   | 29           | -4    | -7    | 7.8%          | neg   | neg   | -3         | -13   | -13   | neg               | neg    | neg    |
| <b>Iron Ore Mining</b>       |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Centralny GOK                | CGOK   | 679          | 611   | 550   | 312          | 223   | 165   | 46.0%         | 36.5% | 30.1% | 194        | 115   | 80    | 28.6%             | 18.8%  | 14.6%  |
| Pivnichny GOK                | SGOK   | 1,630        | 1,467 | 1,320 | 914          | 649   | 481   | 56.1%         | 44.2% | 36.4% | 548        | 324   | 226   | 33.7%             | 22.1%  | 17.2%  |
| Ferrexpo                     | FXPO   | 1,581        | 1,449 | 1,437 | 506          | 492   | 349   | 32.0%         | 33.9% | 24.3% | 264        | 277   | 147   | 16.7%             | 19.1%  | 10.2%  |
| <b>Pipe Manufacturing</b>    |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Khartsyzk Pipe               | HRTR   | 310          | 193   | 118   | 31           | 18    | 23    | 10.1%         | 9.5%  | 19.3% | 5          | 3     | 2     | 1.5%              | 1.5%   | 2.0%   |
| <b>Railcar Manufacturing</b> |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Luhanskteplovoz              | LTPL   | 329          | 127   | n/a   | 36           | -2    | n/a   | 10.8%         | neg   | n/a   | 19         | -16   | n/a   | 5.9%              | neg    | n/a    |
| Kryukiv Wagon                | KVBZ   | 462          | 133   | 86    | 50           | 10    | 6     | 10.9%         | 7.6%  | 7.5%  | 42         | -3    | -5    | 9.0%              | neg    | neg    |
| <b>Specialized Machinery</b> |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Turboatom                    | TATM   | 214          | 149   | 147   | 90           | 56    | 47    | 42.1%         | 37.3% | 32.0% | 72         | 49    | 29    | 33.5%             | 33.0%  | 20.0%  |
| Motor Sich                   | MSICH  | 1,000        | 950   | 950   | 274          | 260   | 260   | 27.4%         | 27.4% | 27.4% | 169        | 133   | 100   | 16.9%             | 14.0%  | 10.5%  |
| <b>Telecom</b>               |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Ukrtelecom                   | UTLM   | 791          | 368   | 290   | 190          | 105   | 91    | 24.0%         | 28.5% | 31.5% | 17         | 16    | 10    | 2.2%              | 4.3%   | 3.5%   |
| <b>Oil &amp; Gas</b>         |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Ukrnafta                     | UNAF   | 2,589        | 1,808 | 1,059 | 286          | 160   | 132   | 11.1%         | 8.8%  | 12.5% | 23         | 32    | 12    | 0.9%              | 1.8%   | 1.1%   |
| Regal Petroleum              | RPT    | 37           | 38    | 35    | -146         | 16    | 13    | neg           | 42.1% | 37.1% | -127       | 2     | 3     | neg               | 5.3%   | 8.6%   |
| JKX Oil                      | JKX    | 181          | 199   | 150   | 66           | 68    | 70    | 36.7%         | 34.3% | 46.7% | 7          | 8     | 5     | 3.6%              | 3.9%   | 3.3%   |
| <b>Electric Utilities</b>    |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| Centrenergo                  | CEEN   | 915          | 544   | 605   | 94           | 33    | 23    | 10.3%         | 6.1%  | 3.7%  | 60         | 16    | 9     | 6.5%              | 2.9%   | 1.5%   |
| Donbasenergo                 | DOEN   | 656          | 391   | 271   | 72           | 34    | 13    | 11.0%         | 8.8%  | 4.9%  | 65         | 31    | 3     | 9.9%              | 7.8%   | 1.1%   |
| <b>Consumer</b>              |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
| MHP                          | MHPC   | 1,496        | 1,524 | 1,544 | 391          | 537   | 550   | 26.1%         | 35.2% | 35.6% | 162        | -337  | 97    | 10.8%             | neg    | 6.3%   |
| Kernel                       | KER    | 2,797        | 2,393 | 2,900 | 291          | 223   | 325   | 10.4%         | 9.3%  | 11.2% | 105        | -107  | 170   | 3.8%              | neg    | 5.9%   |
| Astarta                      | AST    | 470          | 491   | 413   | 114          | 91    | 87    | 20.2%         | 15.5% | 17.6% | 5          | -28   | 30    | 0.8%              | neg    | 6.1%   |
| Avangardco                   | AVGR   | 661          | 443   | 405   | 301          | 130   | 109   | 45.6%         | 29.3% | 26.9% | 238        | -11   | 32    | 36.0%             | neg    | 7.9%   |
| Ovostar                      | OVO    | 81           | 75    | 79    | 36           | 32    | 25    | 43.7%         | 43.1% | 31.6% | 31         | 30    | 24    | 38.0%             | 40.0%  | 30.7%  |
| <b>Banks</b>                 |        |              |       |       |              |       |       |               |       |       |            |       |       |                   |        |        |
|                              |        | Total Assets |       |       | Total Equity |       |       | Total Income  |       |       | Net Profit |       |       | Return on Equity  |        |        |
| Raiffeisen Bank Aval         | BAVL   | 5,333        | 2,869 | 2,765 | 888          | 390   | 376   | 723           | 327   | 276   | 90         | -87   | -41   | 10.1%             | -22.2% | -10.9% |
| Ukrsotsbank                  | USCB   | 5,283        | 2,730 | 2,588 | 1,064        | 518   | 447   | 197           | 222   | 197   | 1          | -32   | -18   | 0.1%              | -6.1%  | -3.9%  |

Source: Eavex Research

**MAIN TRADING MULTIPLES**

| Ticker                       | MCap<br>USD mn | Free Float<br>% USD mn | EV<br>USD mn | P/E  |       |       | EV/EBITDA |       |        | EV/Sales |       |          | EV/Output |       |       | Units |     |           |
|------------------------------|----------------|------------------------|--------------|------|-------|-------|-----------|-------|--------|----------|-------|----------|-----------|-------|-------|-------|-----|-----------|
|                              |                |                        |              | 2013 | 2014E | 2015E | 2013      | 2014E | 2015E  | 2013     | 2014E | 2015E    | 2013      | 2014E | 2015E |       |     |           |
| <b>Steel</b>                 |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Alchevsk Steel               | ALMK           | 15                     | 3.9%         | 1    | 954   | neg   | neg       | neg   | neg    | neg      | neg   | 0.6      | 1.4       | 2.8   | 247   | 230   | 223 | \$/tonne  |
| Yenakievo Steel              | ENMZ           | 8                      | 8.8%         | 1    | 5     | neg   | neg       | neg   | neg    | 0.1      | 0.1   | 0.0      | 0.0       | 0.0   | 2     | 2     | 2   | \$/tonne  |
| Azovstal                     | AZST           | 126                    | 3.0%         | 4    | 117   | neg   | 3.6       | 5.5   | neg    | 0.8      | 1.0   | 0.0      | 0.1       | 0.1   | 26    | 26    | 26  | \$/tonne  |
| <b>Coke</b>                  |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Avdyivka Coke                | AVDK           | 12                     | 6.8%         | 1    | -27   | neg   | neg       | neg   | -0.6   | neg      | neg   | 0.0      | -0.1      | -0.1  | -6    | -7    | -7  | \$/tonne  |
| Yasynivsky Coke              | YASK           | 3                      | 9.0%         | 0    | 4     | neg   | neg       | neg   | 0.1    | neg      | neg   | 0.0      | 0.0       | 0.0   | 0.1   | neg   | neg | \$/tonne  |
| <b>Iron Ore Mining</b>       |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Centralny GOK                | CGOK           | 369                    | 0.3%         | 1    | 367   | 1.9   | 3.2       | 4.6   | 1.2    | 1.6      | 2.2   | 0.5      | 0.6       | 0.7   |       |       |     |           |
| Pivnichny GOK                | SGOK           | 738                    | 0.4%         | 3    | 731   | 1.3   | 2.3       | 3.3   | 0.8    | 1.1      | 1.5   | 0.4      | 0.5       | 0.6   |       |       |     |           |
| Ferrexpo                     | FXPO           | 620                    | 24.0%        | 149  | 1,314 | 2.3   | 2.2       | 4.2   | 2.6    | 2.7      | 3.8   | 0.8      | 0.9       | 0.9   |       |       |     |           |
| <b>Pipe Manufacturing</b>    |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Khartsyzk Pipe               | HRTR           | 49                     | 2.0%         | 1    | 94    | 10.4  | 16.7      | 20.7  | 3.0    | 5.1      | 4.2   | 0.3      | 0.5       | 0.8   | 150   | 248   | 236 | \$/tonne  |
| <b>Railcar Manufacturing</b> |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| LuganskTeplovoz              | LTPL           | 9                      | 24.0%        | 2    | 47    | 0.5   | neg       | n/a   | 1.3    | neg      | n/a   | 0.1      | 0.4       | n/a   |       |       |     |           |
| Krukiv Wagon                 | KVBZ           | 53                     | 5.0%         | 3    | 44    | 1.3   | neg       | neg   | 0.9    | 4.4      | 6.8   | 0.1      | 0.3       | 0.5   |       |       |     |           |
| <b>Specialized Machinery</b> |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Turboatom                    | TATM           | 55                     | 5.8%         | 3    | 9     | 0.8   | 1.1       | 1.9   | 0.1    | 0.2      | 0.2   | 0.0      | 0.1       | 0.1   |       |       |     |           |
| Motor Sich                   | MSICH          | 227                    | 24.0%        | 54   | 219   | 1.3   | 1.7       | 2.3   | 0.8    | 0.8      | 0.8   | 0.2      | 0.2       | 0.2   |       |       |     |           |
| <b>Telecom</b>               |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Ukrtelecom                   | UTLM           | 105                    | 7.2%         | 8    | 409   | 6.2   | 6.6       | 10.2  | 2.1    | 3.9      | 4.5   | 0.5      | 1.1       | 1.4   |       |       |     |           |
| <b>Oil &amp; Gas</b>         |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| Ukrnafta                     | UNAF           | 594                    | 3.0%         | 18   | 589   | 25.5  | 18.7      | >30   | 2.1    | 3.7      | 4.5   | 0.2      | 0.3       | 0.6   | n/a   | n/a   | n/a | \$/boe    |
| Regal Petroleum              | RPT            | 23                     | 21.6%        | 5    | -2    | neg   | 11.4      | 7.6   | neg    | -0.1     | -0.2  | -0.1     | -0.1      | -0.1  | n/a   | n/a   | n/a | \$/boe    |
| JKX Oil & Gas                | JKX            | 84                     | 50.4%        | 42   | 192   | 12.9  | 10.8      | 16.8  | 2.9    | 2.8      | 2.7   | 1.1      | 1.0       | 1.3   | 35    | 26    | 26  | \$/boe    |
| <b>Electric Utilities</b>    |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| CentrEnerg                   | CEEN           | 103                    | 21.7%        | 22   | 90    | 1.7   | 6.5       | 11.7  | 0.9    | 2.7      | 4.0   | 0.1      | 0.2       | 0.1   | 5     | 6     | 6   | \$/MWh    |
| DonbasEnerg                  | DOEN           | 28                     | 14.2%        | 4    | 73    | 0.4   | 0.9       | 9.6   | 1.0    | 2.1      | 5.5   | 0.1      | 0.2       | 0.3   | 9     | 9     | 9   | \$/MWh    |
| <b>Consumer</b>              |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
| MHP                          | MHPC           | 1,014                  | 34.1%        | 346  | 2,094 | 6.3   | neg       | 10.5  | 5.4    | 3.9      | 3.8   | 1.4      | 1.4       | 1.4   |       |       |     |           |
| Kernel                       | KER            | 692                    | 61.8%        | 428  | 1,346 | 6.6   | neg       | 4.1   | 4.6    | 6.0      | 4.1   | 0.5      | 0.6       | 0.5   |       |       |     |           |
| Astarta                      | AST            | 171                    | 37.0%        | 63   | 567   | >30   | neg       | 5.7   | 5.0    | 6.2      | 6.5   | 1.2      | 1.2       | 1.4   |       |       |     |           |
| Avangardco                   | AVGR           | 224                    | 22.5%        | 50   | 411   | 0.9   | neg       | 7.0   | 1.4    | 3.2      | 3.8   | 0.6      | 0.9       | 1.0   | 93    | 71    | 67  | \$/mneqgs |
| Ovostar                      | OVO            | 117                    | 25.0%        | 29   | 124   | 3.8   | 3.9       | 4.8   | 3.5    | 3.8      | 4.9   | 1.5      | 1.7       | 1.6   | n/a   | n/a   | n/a |           |
| <b>Banks</b>                 |                |                        |              |      |       |       |           |       |        |          |       |          |           |       |       |       |     |           |
|                              |                |                        |              |      |       | P/E   |           |       | P/Book |          |       | P/Assets |           |       |       |       |     |           |
| Raiffeisen Bank Aval         | BAVL           | 114                    | 3.5%         | 4    |       | 1.3   | neg       | neg   | 0.1    | 0.3      | 0.3   | 0.02     | 0.04      | 0.04  |       |       |     |           |
| Ukrsotsbank                  | USCB           | 80                     | 1.0%         | 1    |       | >30   | >30       | >30   | 0.1    | 0.2      | 0.2   | 0.04     | 0.07      | 0.08  |       |       |     |           |

Source: Eavex Research

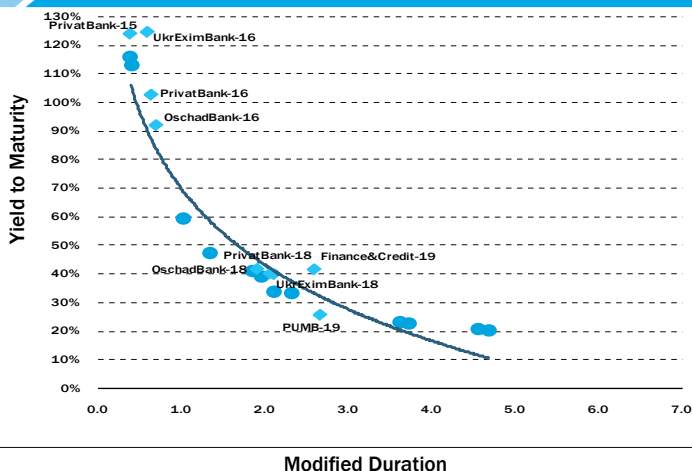
UKRAINIAN EUROBONDS

| Issue                        | Price (Bid) | Price (Ask) | YTM (Bid) | YTM (Ask) | Price chg. (YTD) | Modified Duration | Coupon | Coupon Period | Maturity Date | Volume USD mn | Ratings <sup>1</sup> |
|------------------------------|-------------|-------------|-----------|-----------|------------------|-------------------|--------|---------------|---------------|---------------|----------------------|
| <b>Sovereign Eurobonds</b>   |             |             |           |           |                  |                   |        |               |               |               |                      |
| Ukraine, 2015 (EUR)          | 59.3        | 65.3        | 110.2%    | 86.6%     | -8.4%            | 0.4               | 4.95%  | A             | 13 Oct 2015   | 600*          | Caa3/CCC-/CCC        |
| Ukraine, 2015                | 63.2        | 65.0        | 103.9%    | 96.8%     | -8.9%            | 0.4               | 6.875% | S/A           | 23 Sept 2015  | 500           | Caa3/CCC-/CCC        |
| Ukraine, 2016                | 55.9        | 57.1        | 45.6%     | 44.1%     | -9.9%            | 1.3               | 6.58%  | S/A           | 21 Nov 2016   | 1,000         | Caa3/CCC-/CCC        |
| Ukraine, 2016-2              | 56.7        | 58.1        | 56.8%     | 54.4%     | -11.5%           | 1.0               | 6.25%  | S/A           | 17 Jun 2016   | 1,250         | Caa3/CCC-/CCC        |
| Ukraine, 2017                | 55.5        | 57.0        | 32.4%     | 31.2%     | -11.0%           | 2.1               | 6.75%  | S/A           | 14 Nov 2017   | 700           | Caa3/CCC-/CCC        |
| Ukraine, 2017-2              | 56.0        | 57.5        | 38.7%     | 37.2%     | -8.8%            | 1.8               | 9.25%  | S/A           | 24 Jul 2017   | 2,000         | Caa3/CCC-/CCC        |
| Ukraine, 2017 Infr. projects | 51.5        | 53.5        | 38.8%     | 36.9%     | -14.6%           | 1.9               | 8.375% | S/A           | 3 Nov 2017    | 568           | Caa3//               |
| Ukraine, 2018 Infr. projects | 50.0        | 52.0        | 34.5%     | 32.8%     | -15.0%           | 2.3               | 7.40%  | S/A           | 20 Apr 2018   | 690           | Caa3//               |
| Ukraine, 2020                | 55.5        | 57.0        | 21.9%     | 21.2%     | -5.7%            | 3.7               | 7.75%  | S/A           | 23 Sept 2020  | 1,500         | Caa3/CCC-/CCC        |
| Ukraine, 2021                | 53.5        | 55.0        | 22.4%     | 21.7%     | -8.7%            | 3.7               | 7.95%  | S/A           | 23 Feb 2021   | 1,500         | Caa3/CCC-/CCC        |
| Ukraine, 2022                | 53.5        | 54.8        | 19.7%     | 19.2%     | -10.1%           | 4.6               | 7.80%  | S/A           | 28 Nov 2022   | 1,250         | Caa3/CCC-/CCC        |
| Ukraine, 2023                | 52.5        | 54.8        | 19.3%     | 18.4%     | -9.6%            | 4.8               | 7.50%  | S/A           | 17 Apr 2023   | 1,250         | Caa3/CCC-/CCC        |
| <b>Corporate Eurobonds</b>   |             |             |           |           |                  |                   |        |               |               |               |                      |
| Agroton, 2019                | 30.1        | 35.3        | 42.7%     | 37.2%     | -3.3%            | 2.9               | 8.00%  | S/A           | 14 Jul 2019   | 50            | //RD                 |
| MHP, 2015                    | 90.0        | 93.0        | 65.5%     | 47.6%     | -3.7%            | 0.2               | 10.25% | S/A           | 29 Apr 2015   | 235           | Caa2//CCC            |
| MHP, 2020                    | 62.8        | 65.0        | 20.2%     | 19.3%     | -7.4%            | 3.5               | 8.25%  | S/A           | 2 Apr 2020    | 750           | /CCC-/CCC            |
| Avangardco, 2015             | 45.5        | 45.5        | 163.4%    | 163.4%    | -29.5%           | 0.4               | 10.00% | S/A           | 29 Oct 2015   | 200           | /CCC-/               |
| UkrLandFarming, 2018         | 48.0        | 48.0        | 42.3%     | 42.3%     | 3.2%             | 1.9               | 10.88% | S/A           | 26 Mar 2018   | 500           | /CCC-/CCC            |
| Mriya, 2016                  | 11.0        | 15.0        | 384.7%    | 305.0%    | 0.0%             | 0.4               | 10.95% | S/A           | 30 Mar 2016   | 72            | /SD/RD               |
| Mriya, 2018                  | 10.0        | 13.0        | 129.9%    | 110.3%    | 4.5%             | 1.4               | 9.45%  | S/A           | 19 Apr 2018   | 400           | /SD/RD               |
| DTEK, 2015                   | 55.0        | 65.0        | 416.1%    | 279.1%    | -22.6%           | 0.1               | 9.50%  | S/A           | 28 Apr 2015   | 200           | Caa2//CCC            |
| DTEK, 2018                   | 40.0        | 45.0        | 45.7%     | 40.3%     | -6.6%            | 2.1               | 7.88%  | S/A           | 4 Apr 2018    | 750           | Caa2//CCC            |
| Metinvest, 2015              | 60.0        | 70.0        | 266.8%    | 176.0%    | -19.3%           | 0.2               | 10.25% | S/A           | 20 May 2015   | 114           | Caa2//CCC            |
| Metinvest, 2017              | 45.0        | 50.0        | 48.4%     | 42.9%     | -32.1%           | 1.3               | 10.50% | S/A           | 28 Nov 2017   | 290           | //CCC                |
| Metinvest, 2018              | 40.0        | 45.1        | 48.9%     | 43.1%     | -23.3%           | 2.1               | 8.75%  | S/A           | 14 Feb 2018   | 750           | Caa2//CCC            |
| Ferrexpo, 2016               | 75.0        | 80.0        | 36.6%     | 29.8%     | 0.6%             | 0.9               | 7.875% | S/A           | 07 Apr 2016   | 500           | /CCC-/CCC            |
| UZ Rail, 2018                | 35.0        | 40.0        | 53.7%     | 47.3%     | -29.3%           | 2.0               | 9.50%  | S/A           | 21 May 2018   | 500           | /CCC-/CCC            |
| Interpipe, 2017              | 38.0        | 42.0        | 63.0%     | 56.8%     | -27.3%           | 1.6               | 10.25% | S/A           | 2 Aug 2017    | 200           | //                   |
| JKX Oil&Gas, 2018            | 64.7        | 67.3        | 30.3%     | 28.6%     | 13.4%            | 1.5               | 8.00%  | S/A           | 19 Feb 2018   | 40            |                      |
| <b>Bank Eurobonds</b>        |             |             |           |           |                  |                   |        |               |               |               |                      |
| Fin&Credit Bank, 2019        | 32.0        | 42.0        | 50.7%     | 39.4%     | -55.4%           | 2.5               | 9.25%  | S/A           | 25 Jan 2019   | 100           | Caa3//               |
| PUMB, 2018                   | 62.0        | 67.0        | 27.2%     | 24.4%     | -4.4%            | 2.6               | 11.00% | Q             | 31 Dec 2018   | 275           | Caa3//               |
| Nadra Bank, 2018             | 10.0        | 15.0        | n/a       | n/a       | 0.0%             | 0.4               | 6.25%  | A             | 31 Jul 2018   | 60            | //                   |
| PrivatBank, 2015             | 50.0        | 60.0        | 172.6%    | 120.3%    | -12.0%           | 0.4               | 9.38%  | S/A           | 23 Sept 2015  | 200           | Caa3//               |
| PrivatBank, 2016             | 40.0        | 45.0        | 131.4%    | 111.6%    | -14.1%           | 0.6               | 8.75%  | S/A           | 9 Feb 2016    | 150           | Caa3//               |
| PrivatBank, 2018             | 47.8        | 50.6        | 43.5%     | 40.6%     | -16.6%           | 1.9               | 10.88% | S/A           | 28 Feb 2018   | 175           | Caa3//CCC            |
| UkrEximBank, 2015            | 69.3        | 69.3        | 231.6%    | 231.6%    | -7.0%            | 0.1               | 8.38%  | S/A           | 27 Apr 2015   | 750           | Caa3//CCC            |
| UkrEximBank, 2016            | 38.0        | 43.0        | 140.3%    | 119.1%    | -14.7%           | 0.6               | 5.79%  | S/A           | 2 Sept 2016   | 125           | Caa3//CCC            |
| UkrEximBank, 2018            | 48.5        | 51.5        | 40.2%     | 37.3%     | -11.5%           | 2.1               | 8.75%  | S/A           | 22 Jan 2018   | 500           | Caa3//CCC            |
| VAB Bank, 2019               | 4.0         | 9.0         | 863.6%    | 342.3%    | 0.0%             | n/a               | 9.00%  | Q             | 14 Jun 2019   | 88            | //WD                 |
| Oschadbank, 2016             | 50.0        | 53.0        | 90.8%     | 82.7%     | -12.0%           | 0.7               | 8.25%  | S/A           | 10 Mar 2016   | 700           | Caa3//CCC            |
| Oschadbank, 2018             | 45.0        | 49.0        | 42.3%     | 38.4%     | -16.7%           | 2.0               | 8.88%  | S/A           | 20 Mar 2018   | 500           | Caa3//CCC            |
| <b>Municipal Eurobonds</b>   |             |             |           |           |                  |                   |        |               |               |               |                      |
| City of Kyiv, 2015           | 50.5        | 52.6        | 134.2%    | 124.8%    | -28.9%           | 0.4               | 8.00%  | S/A           | 6 Nov 2015    | 250           | Caa3/CCC/            |
| City of Kyiv, 2016           | 40.0        | 50.0        | 95.1%     | 71.2%     | -36.3%           | 1.0               | 9.375% | S/A           | 30 Jun 2016   | 300           | Caa3/CCC/            |

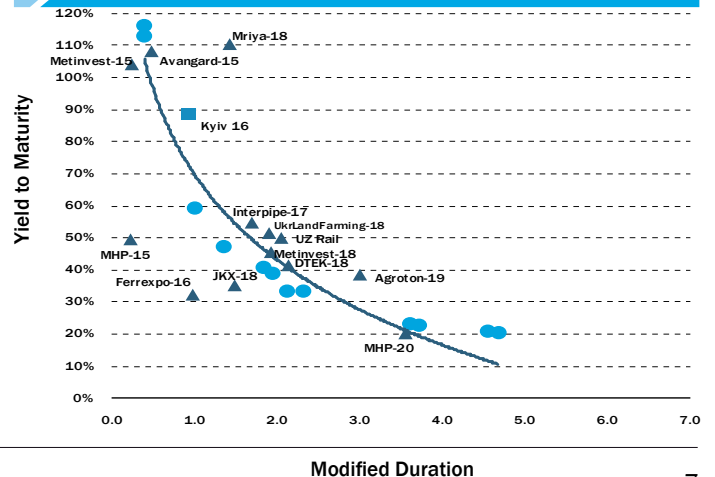
<sup>1</sup> Moody's/S&P/Fitch; \* EUR

Source: Bloomberg, Cbonds, Eavex Research

SOVEREIGNS vs. BANKING EUROBONDS



SOVEREIGNS vs. CORPORATE and MUNICIPAL EUROBONDS



**UKRAINIAN DOMESTIC BONDS**

| Issue                        | Price (Bid) | Price (Ask) | YTM (Bid) | YTM (Ask) | Modified Duration | Coupon | Coupon Period | Maturity Date | Volume mn UAH |
|------------------------------|-------------|-------------|-----------|-----------|-------------------|--------|---------------|---------------|---------------|
| <b>UAH denominated Bonds</b> |             |             |           |           |                   |        |               |               |               |
| UA4000141592                 |             |             | 28%       | 25%       | n/a               | 14.30% | S/A           | 20 May 2015   | n/a           |
| UA4000142665                 |             |             | 28%       | 25%       | n/a               | 14.30% | S/A           | 24 May 2017   | n/a           |
| <b>USD denominated Bonds</b> |             |             |           |           |                   |        |               |               |               |
| UA4000142699                 | n/a         | n/a         | 14.0%     | 8.0%      | n/a               | 9.45%  | S/A           | 22 Apr 2015   | n/a           |
| UA4000141071                 | n/a         | n/a         | 14.0%     | 8.0%      | n/a               | 9.45%  | S/A           | 27 May 2015   | n/a           |
| UA4000142673                 | n/a         | n/a         | 14.0%     | 8.0%      | n/a               | 4.50%  | S/A           | 17 Jun 2015   | n/a           |
| <b>EUR denominated Bonds</b> |             |             |           |           |                   |        |               |               |               |
| UA4000142681                 | n/a         | n/a         | 12.5%     | 8.0%      | n/a               | 4.80%  | S/A           | 6 May 2015    | n/a           |
| <b>VAT Bonds</b>             |             |             |           |           |                   |        |               |               |               |
| UA4000082531                 |             |             | 29%       | 25%       | n/a               | 5.50%  | S/A           | 21 Aug 2015   | n/a           |
| UA4000082622                 |             |             | 29%       | 25%       | n/a               | 5.50%  | S/A           | 24 Aug 2015   | n/a           |
| UA4000083059                 |             |             | 29%       | 25%       | n/a               | 5.50%  | S/A           | 25 Aug 2015   | n/a           |
| UA4000185151                 |             |             | 29%       | 25%       | 1.9               | 9.50%  | S/A           | 8 Jul 2019    | 3,577         |
| UA4000185557                 |             |             | 29%       | 25%       | 1.9               | 9.50%  | S/A           | 22 Jul 2019   | 2,171         |
| UA4000186159                 |             |             | 29%       | 25%       | 1.9               | 9.50%  | S/A           | 20 Aug 2019   | 955           |

Source: Bloomberg, Cbonds, Eavex Research



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