



Focus
Ukraine

Scope
**Economics, bonds, equity &
FX markets**

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Daily Insight

Ukrainian banks slowly replenish their

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THURSDAY, 16 APRIL 2015

UX Index (3 months to 16 Apr 2015)



Source: UX.

Key market indicators (as of 15 Apr 2015)

| | Last | Daily chg (%) | YTD chg (%) |
|-----------------------------|---------|------------------|----------------|
| FX & MONEY RATES | | | |
| USD/UAH | 21.8800 | -6.50 | +38.31 |
| USD/UAH (1Y NDF) | 25.7830 | -4.08 | +39.75 |
| EUR/USD | 1.0684 | +0.27 | -11.69 |
| USD/RUB | 49.7306 | -2.39 | -18.12 |
| KievPRIME O/N (%) | 23.17 | -33bp | +427bp |
| KievPRIME 1M (%) | 28.17 | -46bp | +827bp |

SOVEREIGN EUROBONDS: yields and spreads

| | | | |
|--------------------------|---------|--------|-----------|
| Ukraine 15, Eurobond (%) | 245.31 | +418bp | +18,354bp |
| Ukraine 17, Eurobond (%) | 55.04 | +16bp | +2,729bp |
| Ukraine 22, Eurobond (%) | 23.68 | +1bp | +743bp |
| Ukraine 23, Eurobond (%) | 22.48 | +1bp | +692bp |
| Ukraine 5Y CDS | 4,154bp | +3bp | +1,955bp |

EQUITIES

| | | | |
|-----------------------------|----------|-------|--------|
| Stock market indices | | | |
| UX (Ukraine) | 1,021.65 | +0.52 | -1.13 |
| MSCI World | 436.98 | +0.20 | +4.76 |
| MSCI EM | 1,036.87 | +0.01 | +8.42 |
| RTS (Russia) | 1,052.33 | +3.63 | +33.69 |
| WIG-20 (Poland) | 2,475.33 | +1.66 | +6.88 |
| S&P 500 (USA) | 2,106.63 | +0.51 | +2.32 |

Notes: Chg – percentage change, if not otherwise indicated;
[1] – total traded volume for stocks listed in
green- or red-shaded box means gain or loss, respectively,
of the index or security.

Sources: Bloomberg, UX, Investment Capital Ukraine LLC.

Economics: News & Comments

Ukrainian banks slowly replenish their capital

In its published statistics on banking sector average ratios as of March 31, 2015, the NBU reported that the regulatory capital adequacy ratio (RCAR) improved from 7.37% to 8.35%. Although higher, this key figure is still below the required minimum of 10%. The main reason for the increase was the 15.5% MoM strengthening of the hryvnia's official exchange rate, which also caused risk-weighted assets to decline by 13.5% MoM. We expect Ukrainian banks to gradually increase their share capital in accordance with the plans previously submitted to the NBU. Formal approval is expected to be reached at the annual shareholders' meeting that traditionally is held in March-April.

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Bonds: News & Comments

Liquidity increases slightly

Broader banking sector liquidity rose UAH1.29bn to UAH56.35bn yesterday, as banks' correspondent accounts with the NBU increased UAH1.05bn to UAH26.96bn and total CDs outstanding were up a slight UAH0.24bn to UAH18.08bn. Total local currency debt repayments scheduled for the next 30 days remained steady at UAH11.31bn.

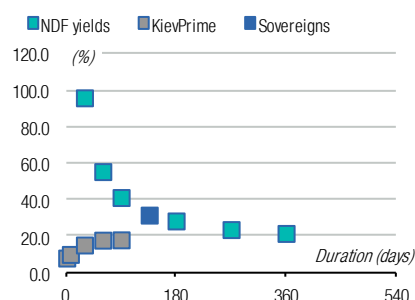
KyivPrime interest rates slightly declined: the KyivPrime ON interest rate fell 33bp to 23.17% while the KyivPrime 1M interest rate was down 46bp to 28.17%.

Investment implications: *The NBU absorbed UAH1.00bn of ON loans which were repaid by banks on Tuesday, but did not issue any new loans for banks. Instead, the NBU purchased UAH1.50bn of bonds from the banks' portfolio, most likely to cover outflows and provide the banking sector with UAH0.50bn of extra funds, significantly less than the increase in liquidity yesterday. Today, broader liquidity should decline slightly, as yesterday's MoF debt repayments should be received for the most part by the NBU and less so by other investors.*

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Yield curve of the local bond market

(as of market close on 15 Apr 2015)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 15 Apr 2015)

| | Last | Daily chg (%) | Weekly chg (%) | MoM chg (%) | YTD chg (%) |
|---|----------------|------------------|-------------------|----------------|----------------|
| MONEY MARKET KIEV PRIME RATES (%) | | | | | |
| O/n | 23.17 | -33bp | -13bp | -8bp | +427bp |
| 1wk | 25.67 | -46bp | -38bp | +67bp | +667bp |
| 1m | 28.17 | -46bp | +17bp | +117bp | +827bp |
| 2m | 25.67 | -58bp | -33bp | +42bp | +567bp |
| 3m | 25.67 | -58bp | -33bp | +42bp | +567bp |
| LIQUIDITY WIDE MEASUREMENT (UAHm) | | | | | |
| CB acc's ¹ | N/A | N/A | N/A | N/A | N/A |
| CDs ² | N/A | N/A | N/A | N/A | N/A |
| Sovgns ³ | N/A | N/A | N/A | N/A | N/A |
| Total | N/A | N/A | N/A | N/A | N/A |
| HOLDERS OF UAH SOVEREIGN BONDS (UAHm) | | | | | |
| C.bank | 340,584 | +0.44 | +0.72 | -0.08 | +7.06 |
| Banks | 102,806 | +0.09 | -1.81 | -4.39 | +10.03 |
| Resid's ⁴ | 30,736 | +0.07 | -3.08 | +17.58 | +25.20 |
| Non-res ⁵ | 26,669 | +0.16 | -2.19 | +4.43 | +23.79 |
| Total | 500,794 | +0.33 | -0.21 | +0.14 | +9.43 |
| NDF IMPLIED YIELDS (%) | | | | | |
| 3m | N/A | N/A | N/A | N/A | N/A |
| 6m | N/A | N/A | N/A | N/A | N/A |
| 9m | N/A | N/A | N/A | N/A | N/A |
| 1yr | N/A | N/A | N/A | N/A | N/A |
| LOCAL CURRENCY UAH SOVEREIGN BOND YIELDS (%) | | | | | |
| Mar '13 | N/A | N/A | N/A | N/A | N/A |
| Jan '14 | N/A | N/A | N/A | N/A | N/A |
| Aug '15 ⁶ | N/A | N/A | N/A | N/A | N/A |
| EUROBONDS USD SOVEREIGN BOND YIELDS (%) | | | | | |
| CDS 5yr | 4,154 | +3bp | -424bp | +106bp | +20bp |
| Jun '16 | 94.74 | +72bp | -11ppt | +972bp | +58bp |
| Jul '17 | 55.04 | +16bp | -568bp | +637bp | +27bp |
| Sep '20 | 28.71 | +2bp | -112bp | -92bp | +986bp |
| Sep '21 | 27.58 | +2bp | -329bp | +110bp | +905bp |
| Sep '22 | 23.68 | +1bp | -295bp | +32bp | +743bp |
| Feb '23 | 22.48 | +1bp | -202bp | +93bp | +692bp |

Notes: [1] banks' account balance at NBU; [2] certificates of deposits issued by NBU; [3] UAH sovereign bonds due next 30 days; [4] residents; [5] non-residents; [6] VAT bond.

Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart page: Local bond market & Eurobond markets

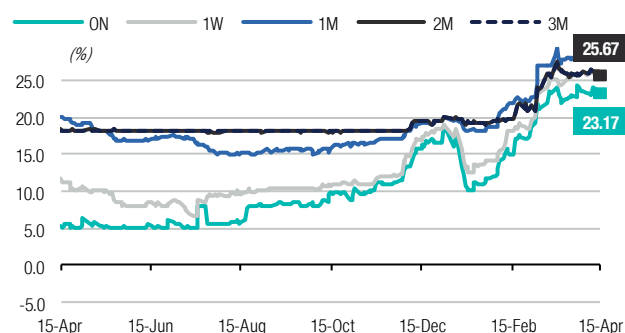
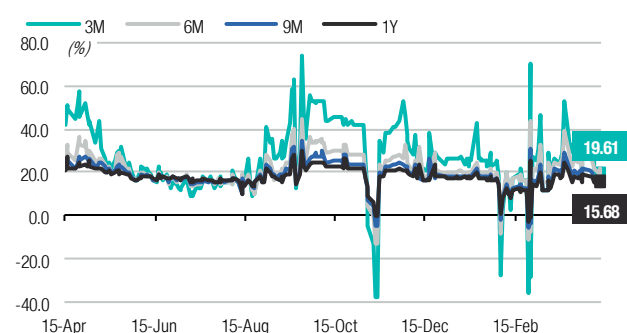
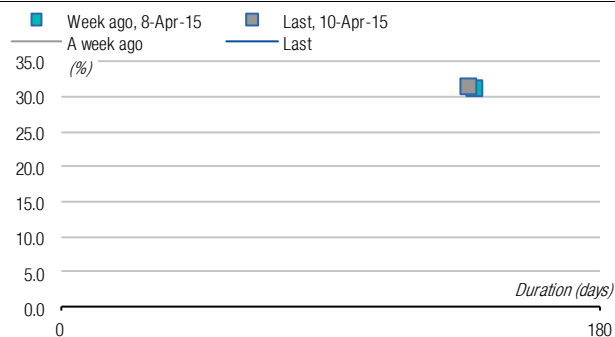
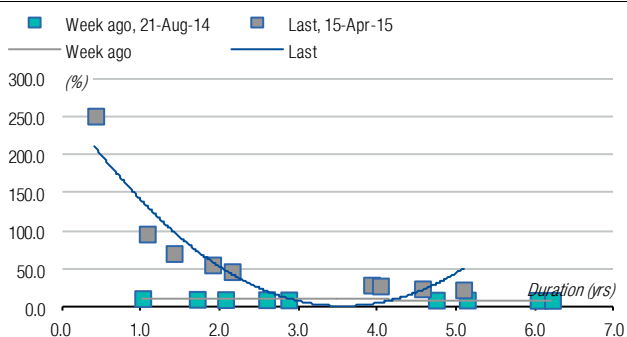
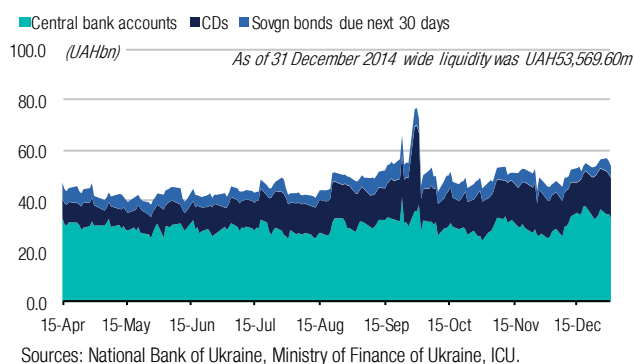
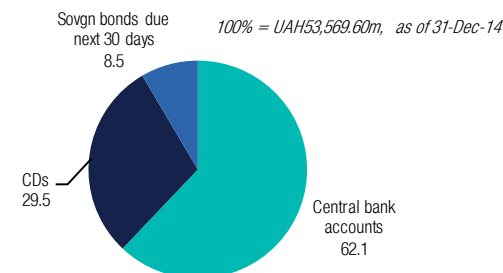
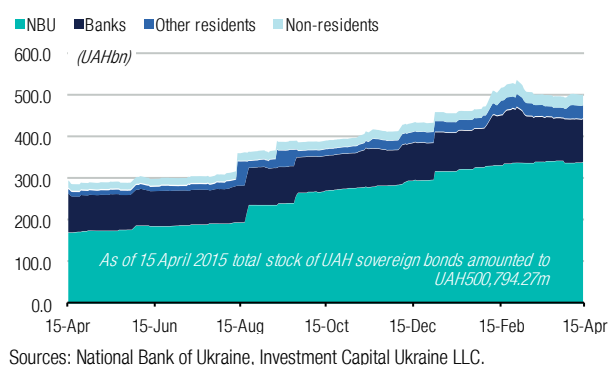
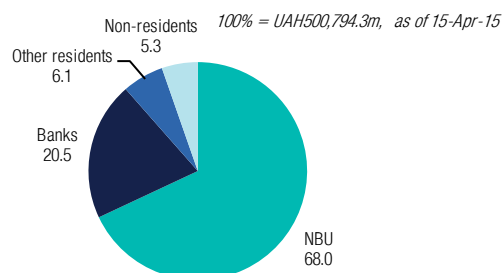
Chart 1. Kiev Prime rates (%), last 12-month period

Chart 2. UAH NDF implied yields (%), last 12-month period

Chart 3. UAH sovereign yield curve (%) as of 15 Apr 2015

Chart 4. USD sovereign yield curve (%) as of 15 Apr 2015

Chart 5. Banking sector liquidity (UAHbn), last 12-month period

Chart 6. Breakdown of liquidity pool (%) as of 15 Apr 2015

Chart 7. Holders of sovereign bonds (UAHbn), last 12 months

Chart 8. Domestic sovereign debt (%) as of 15 Apr 2015


Table 1. Ukrainian stocks (closing prices as of 15-Apr-2015)

| Company | Bloomberg Ticker | Listing | Share price performance (% change) | | | | Valuation (US\$) | | | Free float (FF) & Liquidity | | | | | | P/E | | | EV/EBITDA | | | EV/Sales | | | Ratios | | |
|-----------------------|------------------|-------------|------------------------------------|-------|-------|--------|------------------|------------|----------------|-----------------------------|--------|--------------------|------------------------------|-----------------------------|---------------------|--------------------|------|-------|-----------|------|-------|----------|------|-------|--------|---------|------------------|
| | | | Last price | Daily | MoM | YTD | YoY | Last price | Market cap (m) | EV (m) | FF (%) | FF mkt cap (US\$m) | Last day turnover (US\$ 000) | 3M avg. turnover (US\$ 000) | FF share traded (%) | FF turnover (days) | 2014 | 2015E | 2016E | 2014 | 2015E | 2016E | 2014 | 2015E | 2016E | P/B (x) | Debt/ Assets (%) |
| ENERGY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cadogan Petrol... | CAD LN | London | 8.50 GBp | +0.0 | -9.3 | -15.0 | -9.3 | 0.13 | 29.1 | -18.5 | 40.2 | 11.7 | 0.0 | 7.6 | 0.05 | 2,140 | Neg. | N/A | N/A | 2.7 | N/A | N/A | Neg. | N/A | N/A | 0.2 | 0.0 |
| Centrenerg | CEEN UK | Kiev, UX | 7.87 UAH | -0.5 | -3.4 | +4.3 | +40.9 | 0.37 | 138.1 | 129.1 | 21.7 | 30.0 | 18.0 | 34.7 | 0.07 | 1,461 | 6.0 | 61.0 | Neg. | 0.2 | 6.2 | Neg. | 0.4 | 0.2 | 0.2 | 1.1 | 16.3 |
| Coal Energy | CLE PW | Warsaw | 0.64 PLN | +1.6 | +3.2 | +3.2 | -51.9 | 0.17 | 7.7 | 84.6 | 25.0 | 1.9 | 4.9 | 5.3 | 0.20 | 505 | Neg. | N/A | N/A | 11.6 | N/A | N/A | 0.8 | N/A | N/A | 0.3 | 56.9 |
| Donbasenergo | DOEN UK | Kiev, UX | 22.19 UAH | +0.5 | -9.9 | -32.8 | -46.3 | 1.05 | 24.9 | 62.6 | 14.2 | 3.5 | 2.1 | 4.9 | 0.11 | 877 | 1.0 | 0.9 | Neg. | 0.1 | 1.2 | 17.4 | 0.2 | 0.1 | 0.3 | 0.8 | 25.1 |
| JKX Oil & Gas | JKX LN | London | 29.75 GBp | +0.0 | -16.2 | +147.9 | -48.3 | 0.44 | 75.9 | 86.5 | 47.2 | 35.8 | 15.3 | 380.5 | 0.25 | 403 | Neg. | 99.4 | Neg. | Neg. | 1.6 | N/A | 0.7 | 0.6 | 1.1 | 0.3 | 9.9 |
| Regal Petroleum | RPT LN | London | 4.77 GBp | +0.3 | +17.5 | +52.6 | -53.5 | 0.07 | 22.7 | -7.4 | 80.9 | 18.3 | 2.4 | 2.0 | 0.01 | 11,603 | Neg. | 11.3 | 7.6 | Neg. | Neg. | Neg. | Neg. | Neg. | Neg. | 0.2 | 0.0 |
| Sadova Group | SGR PW | Warsaw | 0.35 PLN | +0.0 | +16.7 | -55.7 | -56.3 | 0.09 | 4.0 | 43.9 | 25.0 | 1.0 | 2.9 | 5.0 | 0.99 | 101 | Neg. | N/A | N/A | Neg. | N/A | N/A | 21.4 | N/A | N/A | 0.3 | 54.9 |
| Zakhidenergo | ZAEN UK | Kiev, PFTS | 165.00 UAH | +9.9 | -2.8 | +11.4 | +35.2 | 7.84 | 100.2 | 109.3 | 5.0 | 5.0 | 1.3 | 1.2 | 0.04 | 2,303 | 3.6 | N/A | N/A | 0.7 | N/A | N/A | 0.2 | N/A | N/A | 1.4 | 0.0 |
| METALLURGY | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alchevsky Meta... | ALMK UK | Kiev, UX | 0.01 UAH | -1.5 | +2.3 | -8.3 | -61.9 | 0.00 | 16.3 | 1,376.4 | 3.9 | 0.6 | 0.1 | 0.5 | 0.04 | 2,310 | Neg. | Neg. | Neg. | Neg. | Neg. | Neg. | 2.0 | 1.8 | 4.4 | N/A | 85.7 |
| Avdiivivsky Cok... | AVDK UK | Kiev, UX | 1.36 UAH | -2.7 | +1.7 | -21.4 | -56.9 | 0.06 | 12.6 | -17.1 | 4.0 | 0.5 | 1.0 | 1.4 | 0.27 | 376 | Neg. | Neg. | Neg. | Neg. | 0.3 | 0.3 | Neg. | Neg. | Neg. | 0.1 | 0.1 |
| Azovstal | AZST UK | Kiev, UX | 0.81 UAH | +2.8 | +2.3 | +9.0 | +15.0 | 0.04 | 162.1 | 135.6 | 4.1 | 6.6 | 4.0 | 7.6 | 0.08 | 1,279 | Neg. | 1.9 | 2.9 | Neg. | 0.8 | 1.2 | 0.1 | 0.1 | 0.1 | 0.3 | 0.0 |
| Ferrexpo PLC | FXPO LN | London | 68.00 GBp | +2.6 | +21.3 | +39.0 | -51.1 | 1.01 | 593.6 | 1,279.8 | 22.4 | 133.0 | 1,198.0 | 1,142.4 | 0.74 | 135 | 3.3 | 9.5 | 9.5 | 3.1 | 5.3 | 5.6 | 0.9 | 1.2 | 1.1 | 0.9 | 61.1 |
| Yasynivsky Cok... | YASK UK | Kiev, UX | 0.30 UAH | +4.5 | -14.0 | +7.1 | -56.3 | 0.01 | 3.9 | 4.4 | 9.0 | 0.4 | 0.0 | 0.1 | 0.01 | 13,434 | Neg. | Neg. | 9.1 | 0.0 | Neg. | Neg. | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| Yenakievo Steel | ENMZ UK | Kiev, UX | 17.68 UAH | +0.6 | +3.6 | -15.6 | -49.4 | 0.84 | 8.9 | 2.6 | 9.4 | 0.8 | 0.1 | 2.4 | 0.11 | 899 | Neg. | Neg. | Neg. | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| FOOD AND AGRIBUSINESS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AgroGeneration | ALAGR FP | EN Paris | 0.46 EUR | -4.2 | -4.2 | +7.0 | -56.2 | 0.49 | 45.4 | 91.6 | 34.0 | 15.4 | 0.5 | 51.6 | 0.13 | 785 | Neg. | N/A | N/A | Neg. | N/A | N/A | 1.6 | N/A | N/A | 1.0 | 35.9 |
| Agroliga | AGL PW | Warsaw | 8.38 PLN | -2.4 | -3.8 | -6.9 | -55.8 | 2.23 | 3.4 | 4.2 | 16.7 | 0.6 | 1.9 | 1.6 | 0.13 | 788 | 1.0 | N/A | N/A | 1.2 | N/A | N/A | 0.2 | N/A | N/A | 0.3 | 5.7 |
| Agroton | AGT PW | Warsaw | 1.15 PLN | +0.9 | -10.9 | -6.5 | -49.8 | 0.31 | 6.6 | 51.9 | 26.2 | 1.7 | 4.8 | 23.5 | 1.09 | 92 | Neg. | N/A | N/A | 19.4 | 17.3 | N/A | 0.6 | 0.6 | N/A | 0.1 | 28.4 |
| Astarta Holdin... | AST PW | Warsaw | 24.00 PLN | +0.0 | +0.0 | +20.0 | -38.6 | 6.39 | 159.7 | 388.3 | 31.0 | 49.5 | 646.9 | 98.0 | 0.34 | 298 | Neg. | Neg. | 3.5 | 5.1 | 4.0 | 4.4 | 1.0 | 1.0 | 1.0 | 0.6 | 38.2 |
| Avangard | AVGR LI | London Intl | 2.80 USD | +7.5 | -6.8 | +36.3 | -71.2 | 2.80 | 178.5 | 431.9 | 21.7 | 38.7 | 2.8 | 69.6 | 0.11 | 911 | Neg. | 2.1 | 1.3 | 3.3 | 3.3 | 2.3 | 1.0 | 0.9 | 0.7 | 0.2 | 33.1 |
| IMC | IMC PW | Warsaw | 5.73 PLN | +0.0 | +14.6 | +1.1 | -31.0 | 1.53 | 47.7 | 187.0 | 23.9 | 11.4 | 0.4 | 3.3 | 0.02 | 6,232 | 1.8 | Neg. | 5.9 | 3.5 | 3.6 | 3.7 | 1.6 | 1.2 | 1.1 | 0.3 | 38.7 |
| Kernel Holding... | KER PW | Warsaw | 37.18 PLN | -0.2 | +14.8 | +30.6 | +28.2 | 9.90 | 788.7 | 1,516.3 | 58.8 | 463.5 | 967.2 | 1,570.2 | 0.35 | 287 | Neg. | 5.7 | 5.2 | 6.8 | 4.6 | 4.5 | 0.6 | 0.7 | 0.6 | 0.8 | 39.1 |
| KSG Agro | KSG PW | Warsaw | 0.85 PLN | -4.5 | -16.7 | -24.1 | -81.2 | 0.23 | 3.4 | 85.1 | 34.4 | 1.2 | 2.4 | 9.2 | 0.49 | 206 | Neg. | N/A | 0.2 | 9.8 | N/A | N/A | 1.1 | 0.9 | 0.8 | 0.3 | 44.5 |
| MHP | MHPC LI | London Intl | 11.00 USD | -3.5 | +22.4 | +19.6 | -10.6 | 11.00 | 1,162.3 | 2,292.8 | 22.3 | 259.4 | 143.4 | 813.1 | 0.36 | 275 | 7.5 | 166.8 | 4.7 | 5.9 | 4.4 | 4.5 | 1.5 | 1.6 | 1.7 | 2.3 | 47.0 |
| Milkiland | MLK PW | Warsaw | 2.89 PLN | +5.1 | +5.9 | +95.3 | -60.7 | 0.77 | 24.0 | 131.5 | 20.0 | 4.8 | 82.7 | 56.0 | 0.70 | 143 | 2.1 | Neg. | Neg. | 4.0 | 4.2 | 4.5 | 0.4 | 0.4 | 0.6 | 0.1 | 30.8 |
| Miriya Agrohold... | MAYA GF | Frankfurt | 0.34 EUR | +0.0 | -20.7 | -39.5 | -93.1 | 0.36 | 38.6 | 766.4 | 20.0 | 7.7 | 0.0 | 0.6 | 0.01 | 8,824 | 0.4 | 0.4 | 0.2 | 4.6 | N/A | N/A | 1.5 | 1.8 | 1.8 | 0.1 | 45.3 |
| Ovostar Union | OVO PW | Warsaw | 70.00 PLN | +0.0 | +0.0 | -2.8 | +1.4 | 18.63 | 111.8 | 121.4 | 25.0 | 28.0 | 2.8 | 40.0 | 0.20 | 497 | 3.7 | 4.5 | 5.5 | 3.3 | 3.9 | 4.6 | 1.4 | 1.5 | 1.4 | 0.8 | 8.5 |
| FINANCIAL SERVICES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raiffeisen Ban... | BAVL UK | Kiev, UX | 0.10 UAH | +2.9 | -8.9 | +0.2 | -42.5 | 0.00 | 136.9 | N/A | 3.8 | 5.2 | 7.2 | 11.1 | 0.21 | 483 | 2.8 | Neg. | Neg. | N/A | N/A | N/A | N/A | N/A | N/A | 0.5 | 22.4 |
| Ukrsotsbank | USCB UK | Kiev, UX | 0.11 UAH | +0.0 | +1.9 | -15.5 | -30.4 | 0.01 | 128.9 | N/A | 4.5 | 5.8 | 0.0 | 0.5 | 0.00 | 24,504 | Neg. | 6.1 | 6.4 | N/A | N/A | N/A | N/A | N/A | N/A | 0.2 | 28.2 |

Notes: mln - millions; FF - free float; n/a - not available; neg. - negative; a company name (the left column of the table) is shortened to fit the column and hence in some cases is not displayed in full; *** - P/E is above 10,000x. Sources: Bloomberg, ICU.

FX: News & Comments

NBU props dollar at 21.5

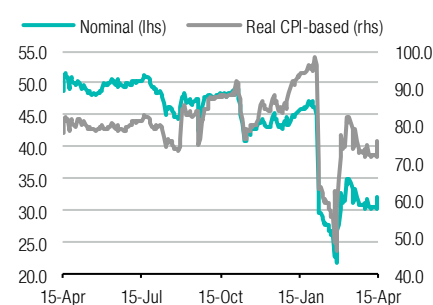
In a startling reversal of demand, the USD fell to as low as 21.2UAH/USD yesterday as the local market had no USD buyers, according to Interfax. It appears that the NBU intervened and propped up the value to 21.5/USD.

Eventually, the hryvnia gained 6.5% and closed at 21.88/USD. It is worth noting that the continued strength of the Russian ruble, which rose 2.39% yesterday, 20.09% over the past month, and 18.12% since the beginning of the year. With a positive impact on the currencies of the neighboring countries that depend heavily on Russian demand, the ruble's rise aids well to the hryvnia, in particular as yesterday's nominal rise was partially absorbed by the ruble's appreciation, preventing the UAH from devaluing in the foreign exchange market.

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ICU's UAH trade-weighted indices

(Last 12-month history to 16 Apr 2015)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 15 Apr 2015)

| | Last | Daily | Weekly | MoM | YTD |
|--|---------|---------|---------|---------|---------|
| | chg (%) | chg (%) | chg (%) | chg (%) | chg (%) |

USD/UAH MARKET (HRYVNIA per US DOLLAR)

| | | | | | |
|------------------------|---------|--------|--------|--------|--------|
| Spot mkt | 21.8800 | -6.50 | -6.95 | +1.06 | +38.31 |
| NBU avg | 21.7830 | -4.99 | -7.35 | +0.77 | +38.14 |
| Ttl vlm ¹ | 315.17 | +38.22 | +35.64 | +38.29 | -26.86 |
| \$ volume ² | 244.10 | +58.34 | +49.64 | +38.60 | -31.10 |
| NDF 3M | 23.4330 | -4.47 | -7.42 | +1.62 | +39.07 |
| NDF 6M | 24.7830 | -4.24 | -6.51 | +1.95 | +42.43 |
| NDF 1Y | 25.7830 | -4.08 | -6.28 | +0.68 | +39.75 |

TRADE-WEIGHTED INDICES (TWIs, points)

| | | | | | |
|--------------|--------|-------|-------|-------|--------|
| UAH nom'l | 32.017 | +6.20 | +6.00 | -7.80 | -28.00 |
| UAH real CPI | 75.632 | +6.20 | +6.00 | -7.80 | -12.74 |
| UAH real PPI | 93.810 | +6.20 | +6.00 | -7.80 | -20.34 |
| USD nom'l | 98.319 | -0.42 | +0.39 | -2.00 | +8.92 |

FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs

| | | | | | |
|---------|-----------|-------|-------|--------|--------|
| USD/RUB | 49.7306 | -2.39 | -7.31 | -20.09 | -18.12 |
| EUR/USD | 1.0684 | +0.27 | -0.90 | +1.79 | -11.69 |
| USD/CNY | 6.2051 | -0.11 | +0.03 | -0.86 | -0.01 |
| USD/PLN | 3.7655 | -0.07 | +1.29 | -4.74 | +6.26 |
| USD/TRY | 2.6990 | +0.39 | +3.84 | +2.24 | +15.59 |
| USD/BYR | 14,325.00 | -0.87 | -1.34 | -5.13 | +30.23 |
| USD/KZT | 185.8800 | +0.01 | +0.11 | +0.29 | +1.94 |

OTHER MAJOR CURRENCIES

| | | | | | |
|---------|----------|-------|-------|-------|--------|
| USD/JPY | 119.1400 | -0.22 | -0.82 | -1.86 | -0.53 |
| GBP/USD | 1.4842 | +0.41 | -0.16 | +0.66 | -4.72 |
| USD/CHF | 0.9645 | -0.80 | -0.21 | -4.09 | -3.00 |
| AUD/USD | 0.7682 | +0.73 | -0.03 | +0.59 | -6.03 |
| USD/CAD | 1.2290 | -1.56 | -2.04 | -3.86 | +5.76 |
| USD/BRL | 3.0287 | -1.13 | -0.68 | -6.77 | +13.96 |
| USD/KRW | 1,096.92 | +0.25 | +0.55 | -2.82 | +0.54 |

COMMODITIES

| | | | | | |
|------------------------|----------|-------|--------|--------|-------|
| Gold(\$/oz) | 1,202.59 | +0.82 | +0.01 | +3.80 | +1.50 |
| WTI crude ³ | 56.39 | +5.82 | +11.84 | +25.76 | +5.86 |
| Brent crd ³ | 60.20 | +4.53 | +8.92 | +11.83 | +7.96 |
| Urals crd ³ | N/A | +0.00 | +0.00 | +0.00 | +0.00 |
| TR/J CRB ⁴ | 223.58 | +2.07 | +3.32 | +6.11 | -2.77 |

Readers may follow the ICU trade-weighted indices of the local-currency, the hryvnia (UAH), on the ICU [website](#) and Bloomberg (type: ALLX UTWI <GO>).

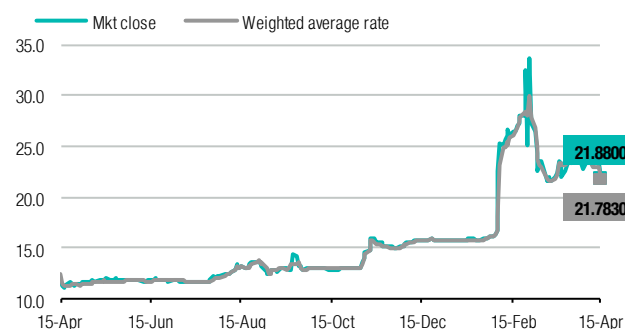
Section on FX market is continued on next page.

Notes: [1] trading volume in all foreign currencies (US\$m);
[2] trading volume in the pair USD/UAH (US\$m);
[3] crude oil price (USD per barrel); [4] the Thomson Reuters/Jefferies CRB Index. A green-/red-shaded box means gain or loss, respectively, of the investment into the asset.
Currencies are gaining when their exchange rates strengthen versus USD.

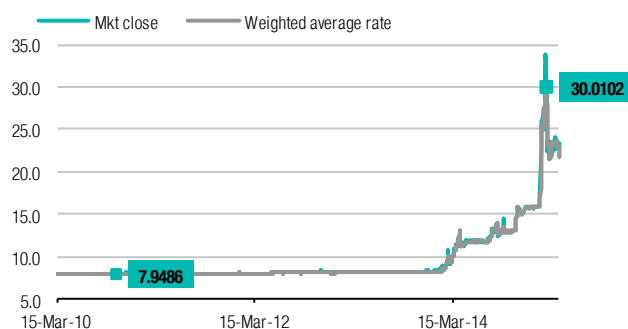
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart page #1: Foreign-exchange market

Chart 9. Spot market rates USD/UAH: last 12-month and 5-year periods (UAH per USD, left and right respectively)

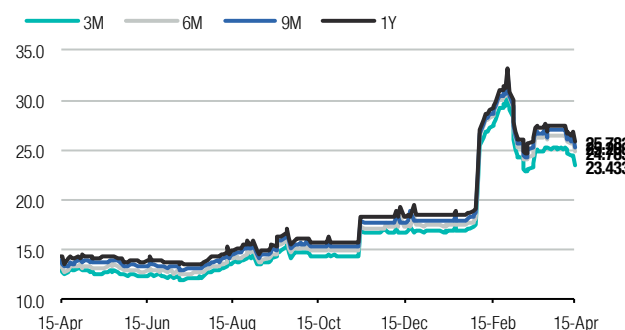


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

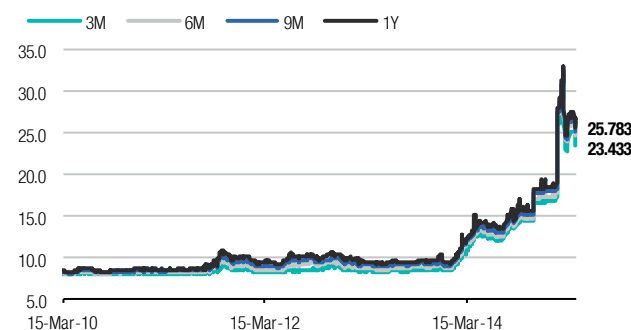


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 10. NDF market rates USD/UAH: last 12-month and 5-year periods (UAH per USD, left and right respectively)

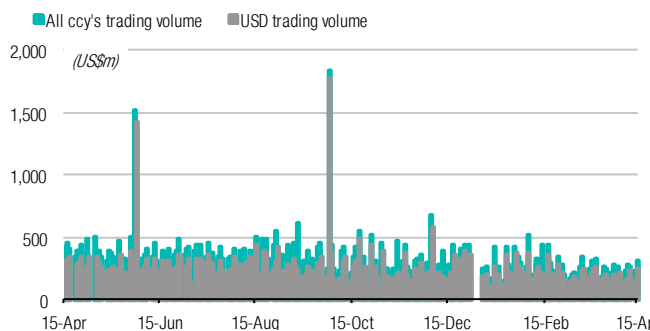


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

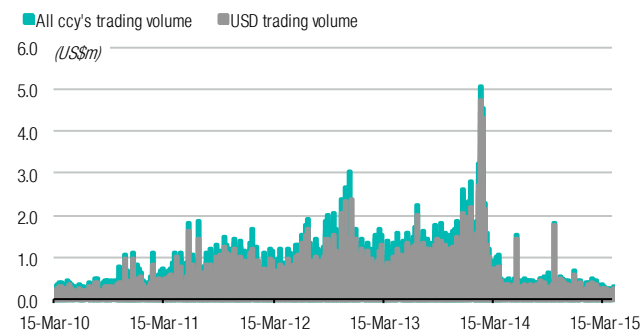


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 11. Trading volume: last 12-month and 5-year periods (US\$m, left and right respectively)



Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

Chart 12. 30D MA* ratio of FX market turnover to merchandise trade: last 12m and 5yr periods (% , left and right respectively)



Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

Chart page #2: ICU's UAH trade-weighted indices

The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology published in the [Quarterly Report "Keep the music playing"](#) dated 31 January 2013 and, then, updated, in the [Quarterly Report "Muddling through no more"](#) dated 14 August 2013.

Chart 13. Nominal and CPI-based real TWIs of UAH, history of last 12-month period

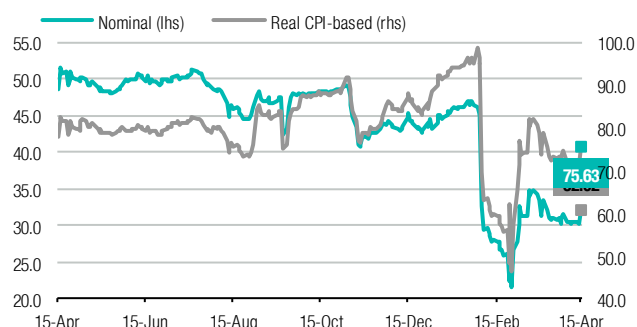


Chart 14. Nominal, CPI- and PPI-based TWIs of UAH, history of last 5-year period

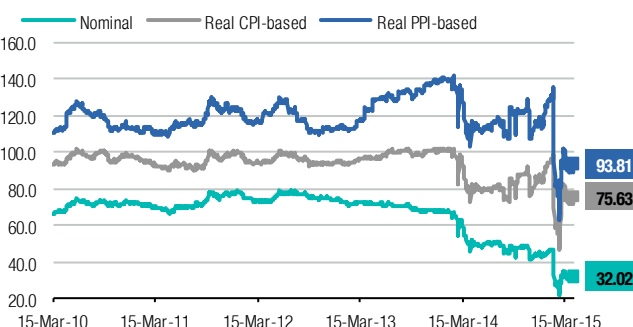


Chart 15. Deviation of UAH trade-weighted indices from their 5-year moving averages: last 12-month and 5-year periods (% , left and right respectively)

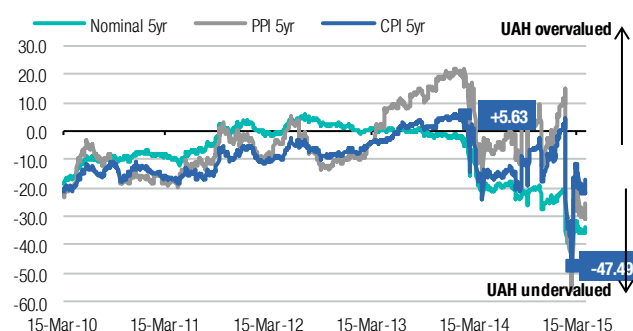
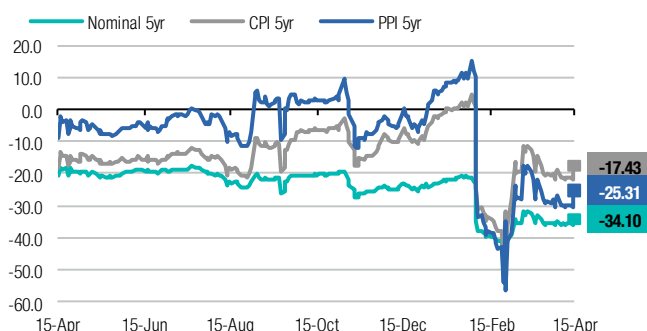
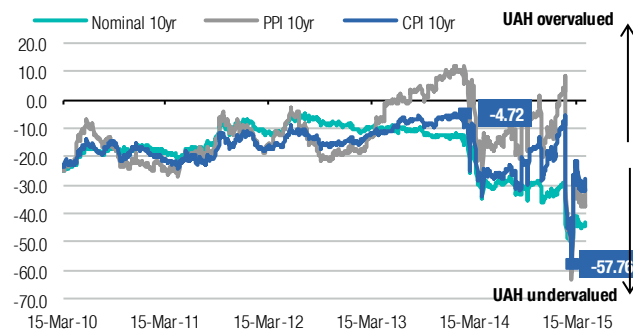
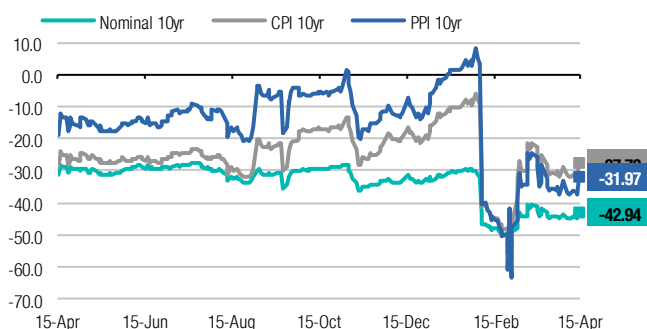


Chart 16. Deviation of UAH trade-weighted indices from their 10-year moving averages: last 12-month and 5-year periods (% , left and right respectively)



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Disclosures

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Buy: Forecasted 12-month total return greater than 20%

Hold: Forecasted 12-month total return 0% to 20%

Sell: Forecasted 12-month total return less than 0%

Note: total return is share price appreciation to a target price in relative terms plus forecasted dividend yield.

DEBT RATING DEFINITIONS

Buy: Forecasted 12-month total return significantly greater than that of relevant benchmark

Hold: Forecasted 12-month total return is in line with or modestly deviates from relevant benchmark

Sell: Forecasted 12-month total return significantly less than that of relevant benchmark



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