Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
Alexander Valchyshen
Taras Kotovych

Daily Insight

City of Kiev to restructure bonds

THURSDAY, 5 MARCH 2015

Contents

Bonds: News & Comments 2
City of Kyiv to restructure bonds 2
Liquidity recovers 2
Chart page: Local bond market & Eurobond markets 3

FX: News & Comments 6
Chart page #1: Foreign-exchange market 7
Chart page #2: ICU's UAH trade-weighted indices 8

UX Index (3 months to 5 Mar 2015)

Source: UX.

Key market indicators (as of 4 Mar 2015)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	22.5000	-7.22	+42.23
USD/UAH (1Y NDF)	26.8700	-3.76	+45.64
EUR/USD	1.1078	-0.88	-8.43
USD/RUB	61.8264	-0.11	+1.80
KievPRIME O/N (%)	21.75	+0bp	+285bp
KievPRIME 1M (%)	27.00	+250bp	+710bp
SOVEREIGN EUROBONDS: yields and spreads			
Ukraine 15, Eurobond (%)	200.69	+405bp	+13,892bp
Ukraine 17, Eurobond (%)	54.93	+14bp	+2,717bp
Ukraine 22, Eurobond (%)	24.76	+1bp	+851bp
Ukraine 23, Eurobond (%)	23.56	+1bp	+800bp
Ukraine 5Y CDS	4,096bp	-180bp	+1,897bp
EQUITIES			
Stock market indices			
UX (Ukraine)	1,102.21	-1.11	+6.67
MSCI World	429.23	-0.49	+2.90
MSCI EM	976.27	-1.01	+2.09
RTS (Russia)	889.68	-2.98	+13.03
WIG-20 (Poland)	2,338.00	+0.64	+0.95
S&P 500 (USA)	2,098.53	-0.44	+1.92

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.

READ FIRST THE DISCLOSURES SECTION FOR IMPORTANT DISCLOSURES AND ANALYST CERTIFICATION

Bonds: News & Comments

City of Kyiv to restructure bonds

The City of Kyiv council adopted a revision of the city's budget to restructure debt, including loans and external borrowings. The City of Kiev was granted an exception to the State budget code regarding allocations to the general budget versus special funds. That being known, US$550m in Eurobonds issued in 2005 and 2011 could be restructured without special approval from Parliament.

Investment implications: The restructuring of local loans received in 2012 are an exception to the rules of general funds which was granted by Parliament under special rights. While restructuring external debt, does not require any parliamentary approval, the City might need permission from the Ministry of Finance. Under the current situation, in consideration of the announced restructuring of sovereign debt, although this approval is unlikely to be challenged, it could require at least one month for the City to submit the necessary documents to attain MoF approval. Conditions of the restructuring could be discussed after the MoF and investors agree to the terms of the sovereign debt restructuring. Conditions could be more attractive, as the lower volume of debt could permit shorter maturities at a higher coupon rate but with a principal haircut similar to the sovereign debt.

Taras Kotovych, Kiev, +38044 2200120 ext.724

Liquidity recovers

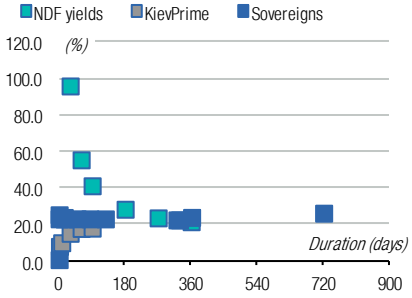
Broader banking sector liquidity significantly rose yesterday, up UAH5.13bn to UAH57.43bn. Banks' correspondent accounts with the NBU rose UAH6.33bn to UAH30.81bn while total CDs outstanding slid UAH1.20bn to UAH16.61bn. Total local currency debt repayments scheduled for the next 30 days remained steady at UAH10.02bn.

KyivPrime interest rates diverged: the KyivPrime ON interest rate remained steady at 21.75% while the KyivPrime 1M interest rate rose 250bp to 27.00%.

Investment implications: Liquidity recovered most likely due to NBU injections into the FX market, an increase in ON loans on Tuesday as well as in funds prepaid for future FX purchase. At the same time, banks will likely conserve extra liquidity unless new reserve requirements are not fulfilled.

Taras Kotovych, Kiev, +38044 2200120 ext.724

Yield curve of the local bond market
(as of market close on 4 Mar 2015)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 4 Mar 2015)

	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	21.75	+0bp	+475bp	+955bp	+285bp
1wk	24.00	+100bp	+550bp	+980bp	+500bp
1m	27.00	+250bp	+475bp	+830bp	+710bp
2m	24.00	+50bp	+312bp	+460bp	+400bp
3m	24.00	+50bp	+312bp	+460bp	+400bp
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	338,125	-0.05	-0.05	+3.16	+6.29
Banks	117,523	-4.77	-9.03	+26.42	+25.78
Resid's[4]	29,616	-0.78	+9.56	+2.18	+20.64
Non-res[5]	28,954	-6.42	-10.39	+35.13	+34.40
Total	**514,218**	-1.59	-2.39	+9.14	+12.36
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	-52ppt	+0bp	+0bp	+0bp
Jan '14	N/A	+320bp	+0bp	+0bp	+0bp
Aug '15[6]	N/A	-24ppt	+0bp	-24ppt	-24ppt
EUROBONDS USD SOVEREIGN BOND YIELDS (%)					
CDS 5yr	4,096	-180bp	-295bp	+13bp	+19bp
Jun '16	87.19	+58bp	-612bp	+26bp	+50bp
Jul '17	54.93	+14bp	-147bp	+14bp	+27bp
Sep '20	29.54	+3bp	+6bp	+647bp	+11bp
Sep '21	28.42	+2bp	-216bp	+572bp	+988bp
Sep '22	24.76	+1bp	-184bp	+425bp	+851bp
Feb '23	23.56	+1bp	-189bp	+393bp	+800bp

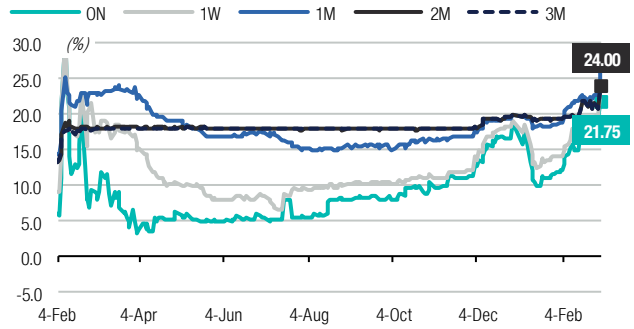
Notes: [1] banks' account balance at NBU; [2] certificates of deposits issued by NBU; [3] UAH sovereign bonds due next 30 days; [4] residents; [5] non-residents; [6] VAT bond.

Sources: Bloomberg, Investment Capital Ukraine LLC.

Section on Bond market is continued on next page.

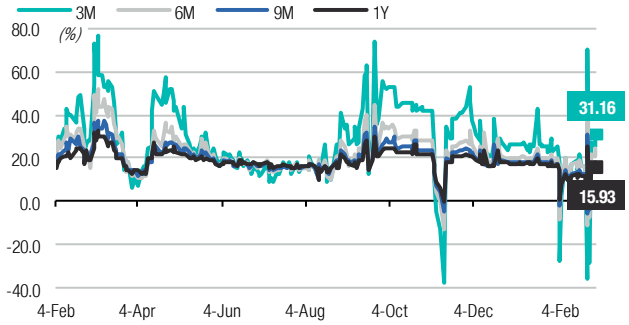
Chart page: Local bond market & Eurobond markets

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



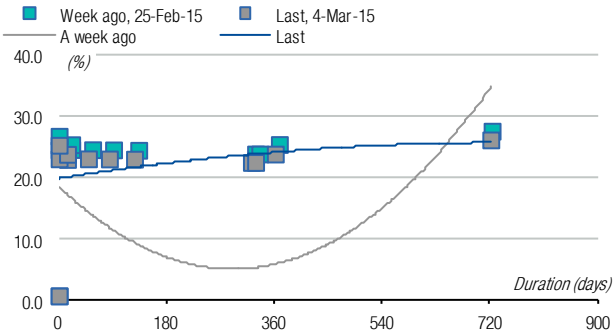
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



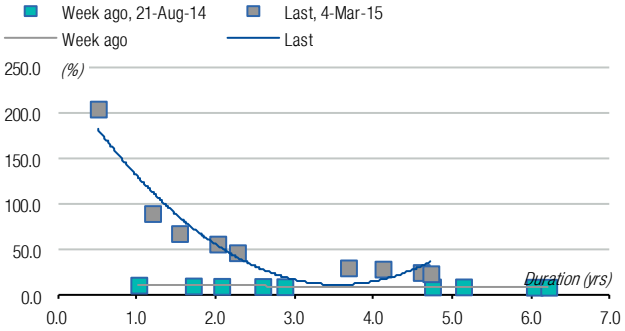
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 4 Mar 2015



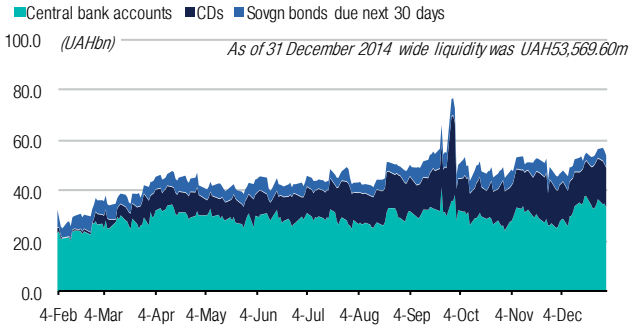
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



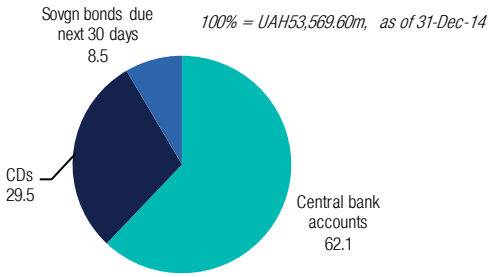
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



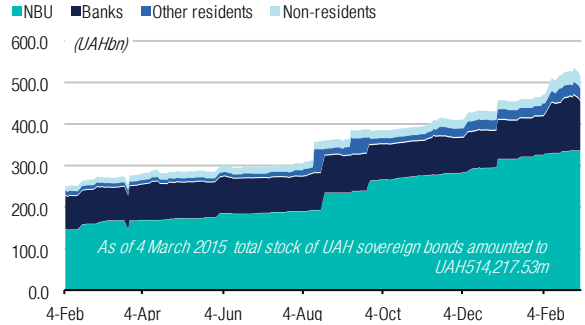
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 4 Mar 2015



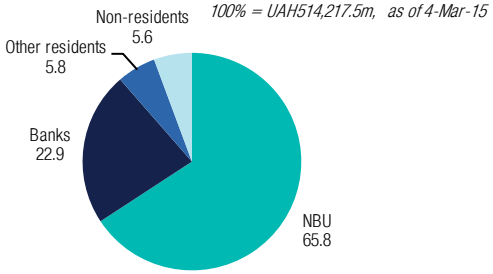
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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



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

Chart 8. Domestic sovereign debt (%) as of 4 Mar 2015



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

Table 1. Ukrainian stocks (closing prices as of 4-Mar-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	**9.63 GBp**	+0.0	-7.2	-3.8	-6.1	0.15	33.9	-13.7	40.2	13.6	0.0	8.6	0.04	2,724	Neg.	N/A	N/A	2.0	N/A	N/A	Neg.	N/A	N/A	0.2	0.0
Centrenergo	CEEN UK	Kiev, UX	**7.92 UAH**	-0.2	+12.2	+4.9	+43.0	0.35	129.4	121.1	21.7	28.1	19.9	37.0	0.16	628	6.0	6.0	Neg.	0.2	3.0	Neg.	0.4	0.2	0.3	1.1	16.3
Coal Energy	CLE PW	Warsaw	**0.65 PLN**	-1.5	-3.0	+4.8	-59.4	0.17	7.8	108.2	25.0	1.9	3.3	7.5	0.56	180	Neg.	N/A	N/A	4.8	N/A	N/A	1.0	N/A	N/A	0.1	39.8
Donbasenergo	DOEN UK	Kiev, UX	**29.67 UAH**	-0.7	-3.3	-10.1	-30.2	1.31	31.0	66.2	14.2	4.4	20.4	6.1	0.14	738	1.3	0.8	5.4	0.1	1.2	2.5	0.3	0.2	0.4	1.1	25.1
JKX Oil & Gas	JKX LN	London	**36.00 GBp**	-2.7	+56.5	+200.0	-36.8	0.55	94.4	99.5	47.2	44.5	146.1	630.3	2.49	40	14.5	235.9	Neg.	1.5	2.0	2.0	0.6	0.6	0.7	0.2	5.5
Regal Petroleum	RPT LN	London	**4.25 GBp**	-7.5	+0.0	+36.0	-64.6	0.06	20.8	-9.4	80.9	16.8	6.5	3.3	0.01	15,677	Neg.	10.4	N/A	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	0.2	0.0
Sadova Group	SGR PW	Warsaw	**0.39 PLN**	-20.4	-50.6	-50.6	-53.0	0.10	4.5	44.4	25.0	1.1	3.5	1.2	0.33	306	Neg.	N/A	N/A	Neg.	N/A	N/A	21.6	N/A	N/A	0.3	54.9
Zakhidenergo	ZAEN UK	Kiev, PFTS	**162.00 UAH**	+0.0	-1.3	+9.4	+34.6	7.17	91.7	100.1	5.0	4.6	0.0	0.6	0.00	78,607	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**	-1.4	+9.7	-0.7	-64.3	0.00	16.4	1,283.8	3.9	0.6	0.2	1.0	0.09	1,064	Neg.	Neg.	N/A	Neg.	Neg.	N/A	2.0	1.1	N/A	N/A	85.7
Avdiyivsky Cok...	AVDK UK	Kiev, UX	**1.41 UAH**	-2.2	+20.3	-18.6	-53.7	0.06	12.2	-15.5	4.0	0.5	0.2	2.5	0.35	287	Neg.	Neg.	N/A	Neg.	Neg.	N/A	Neg.	Neg.	N/A	0.1	0.1
Azovstal	AZST UK	Kiev, UX	**0.82 UAH**	-0.8	+13.2	+9.7	+11.0	0.04	152.0	127.3	4.1	6.2	2.2	6.6	0.10	968	Neg.	Neg.	N/A	Neg.	5.2	N/A	0.1	0.1	N/A	0.3	0.0
Ferrexpo PLC	FXPO LN	London	**60.00 GBp**	-6.3	+11.1	+13.2	-58.0	0.91	537.8	1,189.3	22.4	120.5	1,058.8	965.6	0.85	118	2.1	2.3	7.9	2.4	2.7	4.6	0.8	0.9	1.0	0.5	35.1
Yasynivsky Cok...	YASK UK	Kiev, UX	**0.35 UAH**	+0.0	+29.6	+25.0	-50.0	0.02	4.2	4.7	9.0	0.4	0.1	0.6	0.04	2,306	Neg.	0.6	0.4	0.0	0.4	N/A	0.0	0.0	0.0	0.1	0.0
Yenakievo Steel	ENMZ UK	Kiev, UX	**17.37 UAH**	-3.0	-7.1	-17.1	-52.9	0.77	8.1	2.3	9.4	0.8	7.4	2.7	0.35	289	Neg.	Neg.	N/A	0.4	0.1	N/A	0.0	0.0	N/A	0.8	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	**0.52 EUR**	-1.9	+62.5	+20.9	-55.9	0.57	53.0	100.7	34.0	18.0	115.0	52.3	0.57	175	Neg.	N/A	N/A	Neg.	N/A	N/A	1.7	N/A	N/A	1.1	35.9
Agroliga	AGL PW	Warsaw	**9.34 PLN**	+1.5	-1.8	+3.8	-58.5	2.49	3.8	4.6	16.7	0.6	1.5	3.1	0.46	217	1.1	N/A	N/A	1.3	N/A	N/A	0.3	N/A	N/A	0.4	5.7
Agroton	AGT PW	Warsaw	**1.33 PLN**	+3.1	+5.6	+8.1	-73.7	0.35	7.7	53.0	26.2	2.0	17.6	32.6	2.46	41	Neg.	N/A	N/A	19.8	17.7	N/A	0.7	0.6	N/A	0.1	28.4
Astarta Holdin...	AST PW	Warsaw	**24.75 PLN**	-1.0	+1.5	+23.8	-46.8	6.59	164.8	400.9	31.0	51.1	31.3	67.6	0.19	514	5.8	Neg.	Neg.	5.3	3.4	6.2	1.0	0.9	1.1	0.6	38.2
Avangard	AVGR LI	London Intl	**2.83 USD**	+0.9	+40.5	+37.8	-68.1	2.83	180.4	391.7	21.7	39.2	99.1	69.2	0.19	529	0.8	4.1	1.7	1.3	2.8	2.5	0.6	0.8	0.8	0.2	17.8
IMC	IMC PW	Warsaw	**5.95 PLN**	+0.8	-2.5	+4.9	-35.7	1.58	49.6	188.8	23.9	11.8	1.6	5.6	0.04	2,238	1.9	Neg.	6.1	3.5	3.6	3.8	1.6	1.2	1.1	0.3	38.7
Kernel Holding...	KER PW	Warsaw	**31.85 PLN**	+1.1	+8.0	+11.9	+22.5	8.48	675.8	1,403.3	58.8	397.2	2,285.2	1,061.5	0.34	294	Neg.	4.7	4.5	6.3	4.2	4.2	0.6	0.6	0.6	0.7	39.1
KSG Agro	KSG PW	Warsaw	**1.05 PLN**	-0.9	-0.9	-6.3	-84.2	0.28	4.2	91.1	34.4	1.4	10.7	14.7	1.48	68	Neg.	N/A	0.2	10.5	N/A	N/A	1.2	1.0	0.8	0.2	44.5
MHP	MHPC LI	London Intl	**9.19 USD**	-0.1	-1.2	-0.1	-34.4	9.19	971.1	2,101.5	22.3	216.7	9.5	509.6	0.30	333	6.2	78.5	3.4	5.4	4.0	4.1	1.4	1.5	1.5	1.9	47.0
Milkiland	MLK PW	Warsaw	**3.50 PLN**	+2.6	+54.9	+136.5	-61.1	0.93	29.1	140.2	20.0	5.8	181.6	57.9	1.40	71	2.4	Neg.	Neg.	4.2	4.5	4.7	0.4	0.4	0.6	0.2	30.8
Mriya Agrohold...	MAYA GF	Frankfurt	**0.38 EUR**	+0.0	-26.9	-32.4	-92.5	0.42	44.6	772.3	20.0	8.9	0.0	0.7	0.01	6,962	0.5	0.5	0.2	4.7	2.8	2.6	1.5	1.8	1.8	0.1	45.3
Ovostar Union	OVO PW	Warsaw	**69.90 PLN**	+0.0	-0.9	-2.9	+6.3	18.61	111.7	121.3	25.0	27.9	0.3	37.3	0.02	4,559	3.7	4.5	6.0	3.3	3.9	4.5	1.3	1.5	1.4	0.8	8.5
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	**0.10 EUR**	+0.0	+38.9	+25.0	-67.2	0.11	5.7	132.8	13.1	0.7	0.0	0.1	0.01	8,448	Neg.	N/A	N/A	Neg.	N/A	N/A	3.9	N/A	N/A	0.1	45.5
FINANCIAL SERVICES																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	**0.10 UAH**	-1.3	+15.7	+9.1	-33.0	0.00	138.9	N/A	3.8	5.3	10.1	11.5	0.23	439	3.1	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	-6.8	-15.5	-40.4	0.00	120.1	N/A	4.5	5.4	0.4	0.5	0.01	9,167	Neg.	9.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.2	28.2

4

Table 1. Ukrainian stocks (closing prices as of 4-Mar-2015)

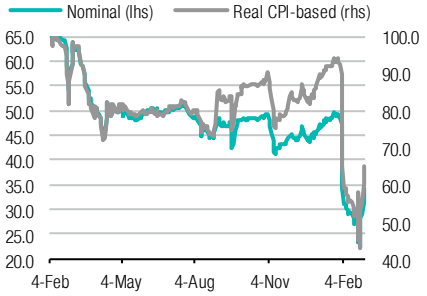
Company	Bloomberg Ticker	Listing	Share price performance (% change)					Valuation (US$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios	
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US$m)	Last day turnover (US$ 000)	3M avg. turnover (US$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/ Assets (%)

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.

5

FX: News & Comments

ICU's UAH trade-weighted indices
(Last 12-month history to 5 Mar 2015)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 4 Mar 2015)

	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	22.5000	-7.22	-9.98	+34.09	+42.23
NBU avg	23.7713	-4.23	-15.24	+42.10	+50.75
Ttl vlm[1]	203.09	+23.82	+43.89	-60.64	-52.87
$ volume[2]	156.37	+15.35	+59.23	-59.05	-55.86
NDF 3M	25.0700	-4.02	-14.55	+43.18	+48.78
NDF 6M	26.1700	-3.86	-14.03	+44.91	+50.40
NDF 1Y	26.8700	-3.76	-13.71	+40.61	+45.64
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	34.122	+8.03	+12.49	-26.87	-25.39
UAH real CPI	64.969	+8.03	+12.49	-26.87	-23.97
UAH real PPI	91.718	+8.03	+12.49	-26.87	-25.39
USD nom'l	95.965	+0.61	+1.86	+2.11	+6.31
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	61.8264	-0.11	+0.66	-8.94	+1.80
EUR/USD	1.1078	-0.88	-2.49	-2.35	-8.43
USD/CNY	6.2710	-0.06	+0.18	+0.37	+1.06
USD/PLN	3.7468	+0.50	+2.35	+1.93	+5.73
USD/TRY	2.5628	+1.07	+3.00	+3.91	+9.76
USD/BYR	15,000.00	-0.66	+0.33	-4.34	+36.36
USD/KZT	185.0500	+0.00	-0.01	+0.06	+1.48
OTHER MAJOR CURRENCIES					
USD/JPY	119.6800	-0.04	+0.69	+2.05	-0.08
GBP/USD	1.5265	-0.62	-1.69	+0.55	-2.00
USD/CHF	0.9632	+0.20	+1.56	+3.98	-3.13
AUD/USD	0.7817	+0.00	-0.89	+0.83	-4.38
USD/CAD	1.2427	-0.55	-0.07	-1.17	+6.94
USD/BRL	2.9798	+1.64	+3.86	+8.68	+12.12
USD/KRW	1,097.70	+0.13	-0.13	+1.21	+0.62
COMMODITIES					
Gold($/oz)	1,200.30	-0.29	-0.39	-5.43	+1.30
WTI crude[3]	51.53	+2.00	+2.26	+6.36	-3.27
Brent crd[3]	60.11	-1.51	-1.94	+13.05	+7.80
Urals crd[3]	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB[4]	223.20	+0.53	-0.33	+1.23	-2.94

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.

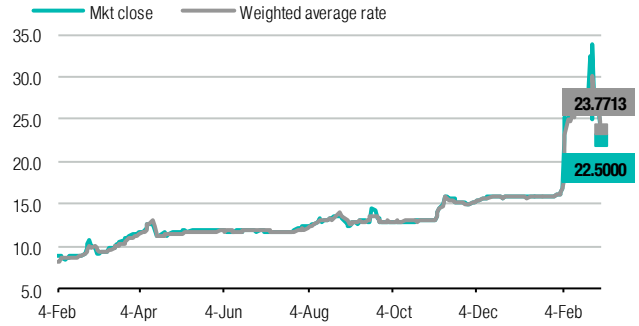
Sources: Bloomberg, Investment Capital Ukraine LLC.

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>).

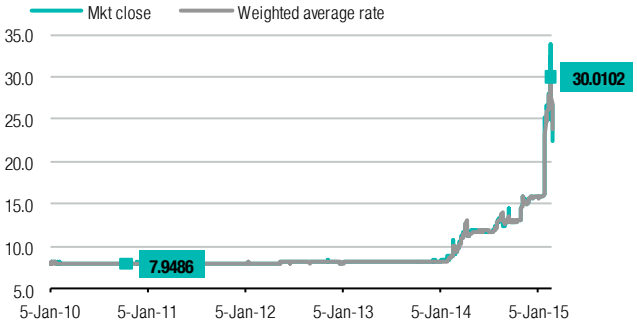
Section on FX market is continued on next page.

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)

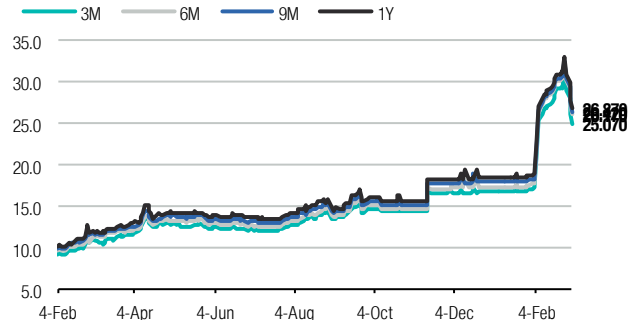


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

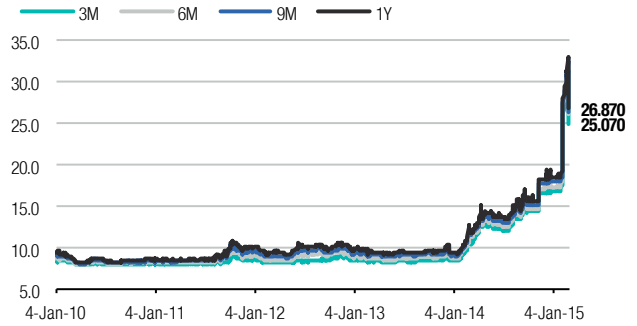


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

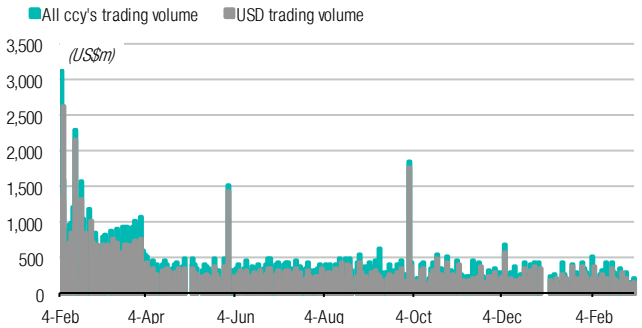


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

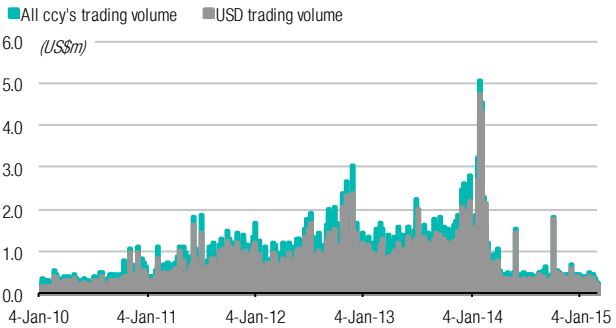


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

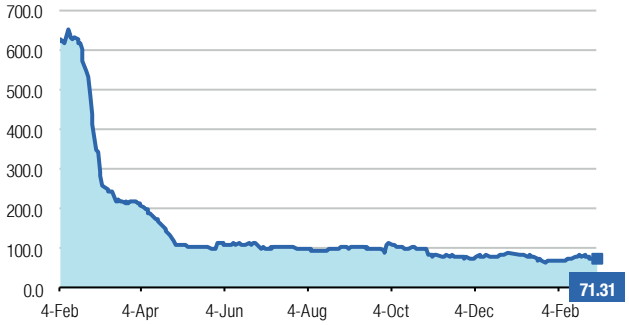


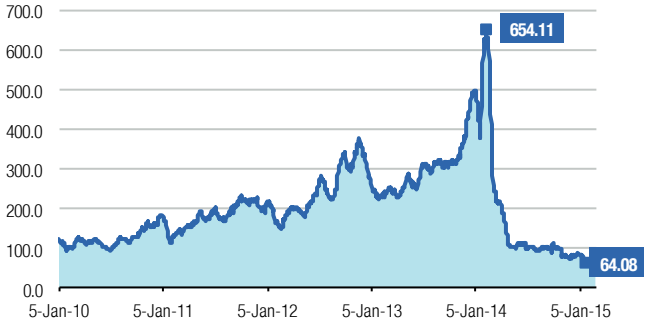
Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)



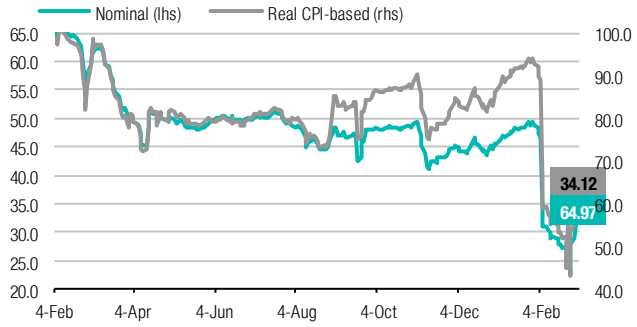


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

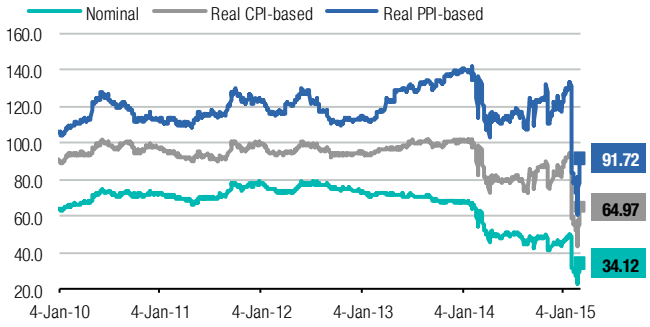
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology published in the *Quarterly Report* "Keep the music playing" dated 31 January 2013 and, then, updated, in the *Quarterly Report* "Muddling through no more" dated 14 August 2013.

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



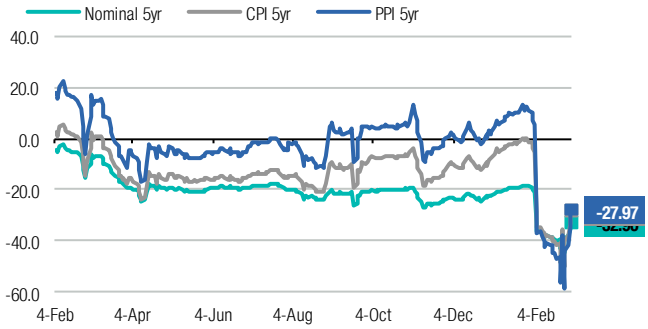
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

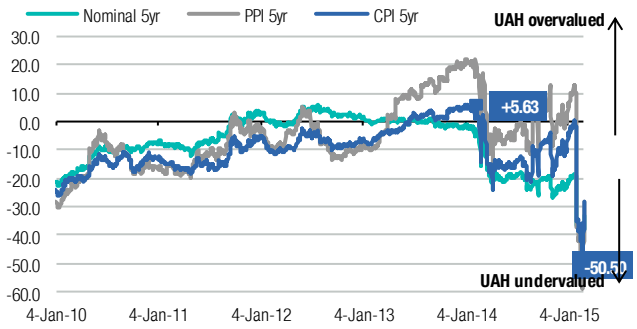


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

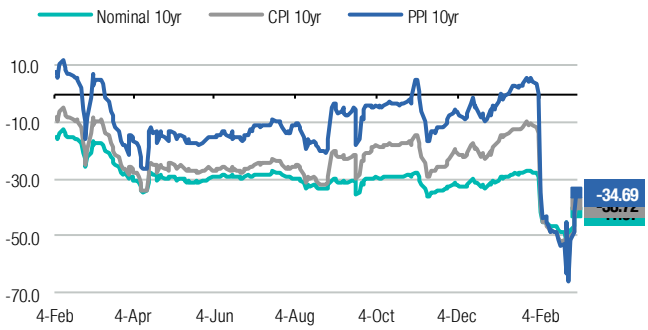


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

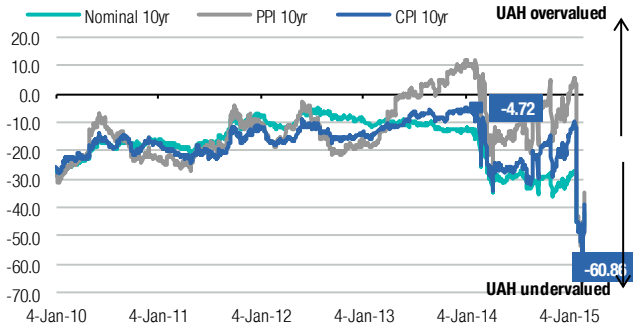


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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)



Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.



Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

This page is intentionally left blank

Disclosures

ANALYST CERTIFICATION

This research publication has been prepared by the analyst(s), whose name(s) appear on the front page of this publication. The analyst(s) hereby certifies that the views expressed within this publication accurately reflect her/his own views about the subject financial instruments or issuers and no part of her/his compensation was, is, or will be directly or indirectly related to the inclusion of specific recommendations or views within this research publication.

EQUITY RATING DEFINITIONS

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

11th floor, LEONARDO Business Centre
19-21 Bogdan Khmelnytsky Street
Kiev, 01030 Ukraine
Phone/Fax +38 044 2200120

CORPORATE FINANCE TEL. +38 044 2200120

Makar Paseniuk, Managing Director
makar.paseniuk@icu.ua

Ruslan Kilmukhametov, Director
ruslan.kilmukhametov@icu.ua

SALES AND TRADING TEL. +38 044 2201621

Konstantin Stetsenko, Managing Director
konstantin.stetsenko@icu.ua

Sergiy Byelyayev, Fixed-Income Trading
sergiy.byelyayev@icu.ua

Vitaliy Sivach, Fixed-Income & FX Trading
vitaliy.sivach@icu.ua

Vlad Sinani, Director,
Strategy and Corporate Development
vlad.sinani@icu.ua

Julia Pecheritsa,
Ukraine and CIS International Sales
julia.pecheritsa@icu.ua

Yevgeniya Gryshchenko,
Fixed-Income Sales
yevgeniya.gryshchenko@icu.ua

RESEARCH DEPARTMENT TEL. +38 044 2200120

Alexander Valchyshen
Head of Research
alexander.valchyshen@icu.ua

Alexander Martynenko
Head of corporate research
alexander.martynenko@icu.ua

Bogdan Vorotilin
Financial analyst (Food & Agribusiness)
bogdan.vorotilin@icu.ua

Taras Kotovych
Senior financial analyst (Sovereign debt)
taras.kotovych@icu.ua

Mykhaylo Demkiv
Financial analyst (Banks)
mykhaylo.demkiv@icu.ua

Lee Daniels, Rolfe Haas
Editors

Investment Capital Ukraine LLC is regulated by Securities and Stock Market State Commission of Ukraine (license numbers: dealer activity AE 263019, broker activity AE 263018, underwriting activity AE 263020 dated 11 April 2013).

DISCLAIMER

This research publication has been prepared by Investment Capital Ukraine LLC solely for information purposes for its clients. It does not constitute an investment advice or an offer or solicitation for the purchase of sale of any financial instrument. While reasonable care has been taken to ensure that the information contained herein is not untrue or misleading at the time of publication, Investment Capital Ukraine makes no representation that it is accurate or complete. The information contained herein is subject to change without notice. Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of Investment Capital Ukraine LLC. All rights are reserved. Any investments referred to herein may involve significant risk, are not necessarily available in all jurisdictions, may be illiquid and may not be suitable for all investors. The value of, or income from, any investments referred to herein may fluctuate and/or be affected by changes in exchange rates. Past performance is not indicative of future results. Investors should make their own investigations and investment decisions without relying on this report. Only investors with sufficient knowledge and experience in financial matters to evaluate the merits and risks should consider an investment in any issuer or market discussed herein and other persons should not take any action on the basis of this report.

Additional information is available upon request.