



Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
**Alexander Valchyshen
Taras Kotovych**

Daily Insight

Liquidity decline

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THURSDAY, 3 MARCH 2016

UX Index (3 months to 3 Mar 2016)



Source: UX.

Key market indicators (as of 2 Mar 2016)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	26.6000	-1.99	+10.70
USD/UAH (1Y NDF)	30.6500	-1.73	+20.21
EUR/USD	1.0868	+0.00	+0.06
USD/RUB	73.0532	-0.37	+0.73
KievPRIME O/N (%)	19.38	+7bp	+32bp
KievPRIME 1M (%)	22.30	-8bp	+5bp
SOVEREIGN EUROBONDS: yields and spreads			
Ukraine 15, Eurobond (%)	N/A	+0bp	+0bp
Ukraine 17, Eurobond (%)	29.14	+26bp	+0bp
Ukraine 22, Eurobond (%)	12.32	-1bp	+0bp
Ukraine 23, Eurobond (%)	11.85	+0bp	+0bp
Ukraine 5Y CDS	N/A		
EQUITIES			
Stock market indices			
UX (Ukraine)	618.37	-1.76	-9.84
MSCI World	381.94	+0.94	-4.36
MSCI EM	769.10	+2.15	-3.15
RTS (Russia)	780.16	-0.79	+3.05
WIG-20 (Poland)	1,825.15	+0.00	-1.83
S&P 500 (USA)	1,986.45	+0.41	-2.81

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.

Bonds: News & Comments

Liquidity decline

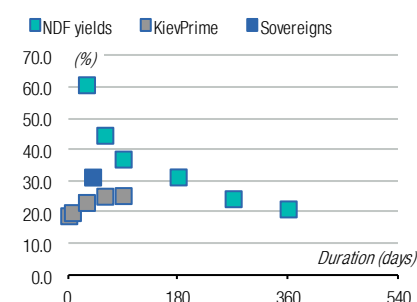
On Tuesday, banks increased their purchases of 1-week CDs to UAH4.27bn from UAH0.34bn on Monday, thus maintaining the amount of ON and 14-day CDs. This allows total CDs outstanding to increase UAH1.40bn to UAH70.83bn while banks' correspondent accounts with the NBU fell UAH3.75bn to UAH35.69bn. As a result, banking sector liquidity fell UAH2.35bn to UAH106.52bn, the lowest level this year, except for the technical decline at the beginning of the year.

Investment implications: Liquidity should become more volatile due to the unstable FX market. Also, CDs outstanding should recover and stay above UAH70bn. The NBU should continue to keep interest rates high to absorb extra liquidity via CDs and decrease the negative impact on the FX market.

Taras Kotovych, Kiev, +38044 2200120 ext.724

Yield curve of the local bond market

(as of market close on 2 Mar 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 2 Mar 2016)

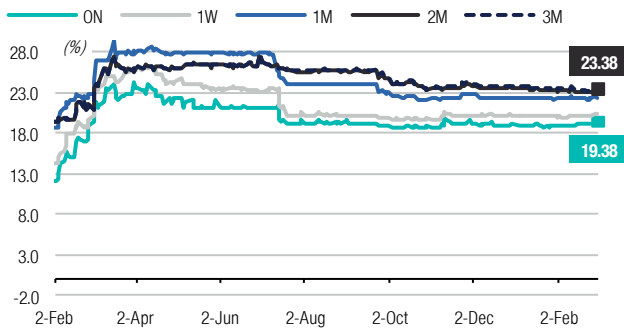
	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	19.38	+7bp	+33bp	+32bp	+32bp
1wk	20.38	+7bp	+23bp	+38bp	+38bp
1m	22.30	-8bp	+10bp	+5bp	+5bp
2m	23.13	+0bp	+3bp	-37bp	-37bp
3m	23.38	+0bp	+8bp	-37bp	-37bp
LIQUIDITY WIDE MEASUREMENT (UAHm)					
CB acc's ¹	35,691	-5.81	-13.08	-12.60	-12.60
CDs ²	52,837	-11.02	-34.85	-45.83	-45.83
Sovgns ³	3,966	+0.00	-8.62	-16.22	-16.22
Total	92,493	-8.54	-26.55	-34.92	-34.92
HOLDERS OF UAH SOVEREIGN BONDS (UAHm)					
C.bank	388,573	+0.00	+0.00	+2.31	+2.31
Banks	117,123	+0.02	-0.22	+43.59	+43.59
Resid's ⁴	11,807	+0.22	+0.14	-43.77	-43.77
Non-res ⁵	24,249	-0.35	-0.75	+8.71	+8.71
Total	541,752	-0.01	-0.08	+7.34	+7.34
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	N/A	N/A	N/A	N/A	N/A
Jun '16	67.67	+114bp	+0bp	+0bp	+0bp
Jul '17	29.14	+26bp	+0bp	+0bp	+0bp
Sep '20	14.02	+4bp	+0bp	+0bp	+0bp
Sep '21	14.22	+0bp	+0bp	+0bp	+0bp
Sep '22	12.32	-1bp	+0bp	+0bp	+0bp
Feb '23	11.85	+0bp	+0bp	+0bp	+0bp

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.

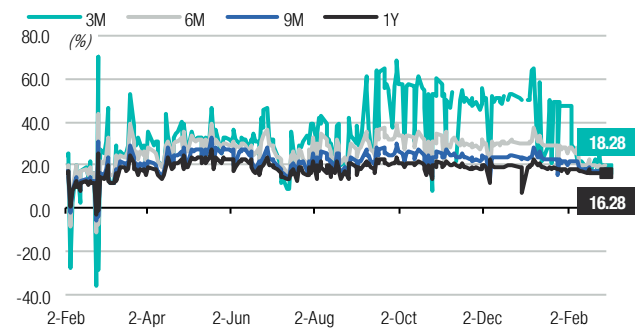
Chart page: Local bond market & Eurobond markets

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



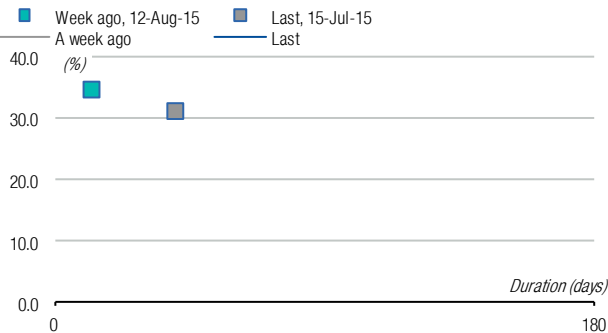
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



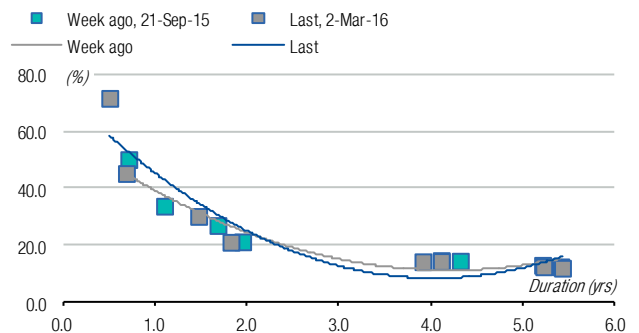
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 2 Mar 2016



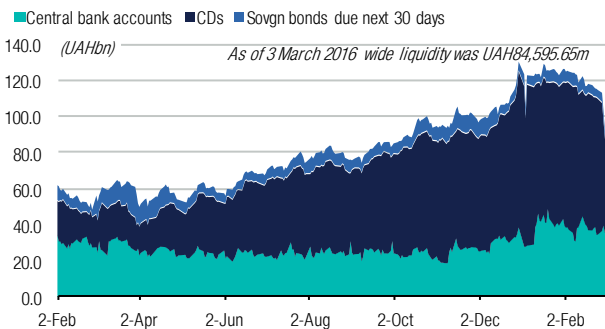
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 2 Mar 2016



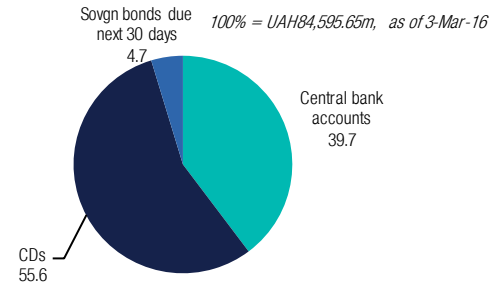
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



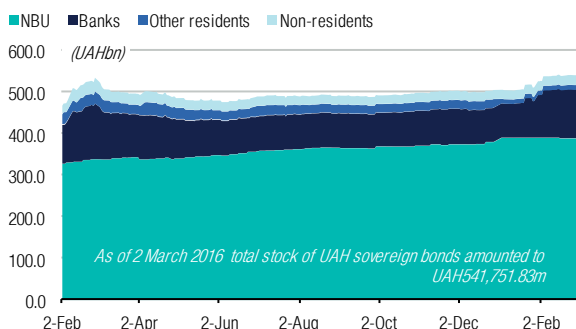
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 2 Mar 2016



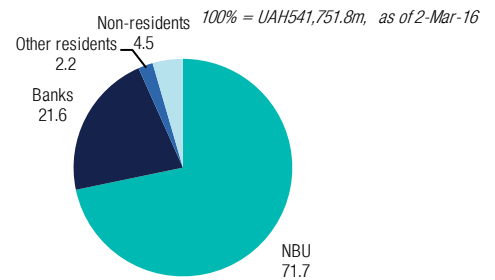
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 2 Mar 2016



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

Table 1. Ukrainian stocks (closing prices as of 2-Mar-2016)

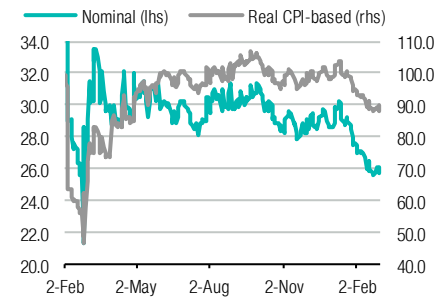
Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 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	10.13 GBp	+0.0	+1.3	+24.6	+5.2	0.14	32.9	-16.2	40.2	13.2	0.0	17.7	0.02	5,555	Neg.	Neg.	12.2	2.3	Neg.	Neg.	Neg.	Neg.	Neg.	0.4	15.3
Centrenergo	CEEN UK	Kiev, UX	4.62 UAH	+0.5	+5.4	+1.3	-41.8	0.17	64.3	53.8	21.7	14.0	1.1	7.9	0.05	2,146	24.2	Neg.	4.7	0.2	Neg.	1.5	0.2	0.2	0.1	0.7	4.2
Coal Energy	CLE PW	Warsaw	0.63 PLN	+1.6	+23.5	+18.9	-4.5	0.16	7.1	78.6	25.0	1.8	26.7	1.9	0.21	483	Neg.	N/A	N/A	10.8	N/A	N/A	0.7	N/A	N/A	0.3	56.9
Donbasenergo	DOEN UK	Kiev, UX	14.17 UAH	+2.3	-7.1	-10.1	-52.6	0.53	12.6	21.9	14.2	1.8	0.0	1.5	0.04	2,740	3.3	Neg.	N/A	0.0	N/A	N/A	0.1	0.1	N/A	0.3	13.6
JKX Oil & Gas	JKX LN	London	24.25 GBp	-1.0	-4.9	-11.0	-34.5	0.34	58.6	69.3	47.2	27.7	11.2	8.4	0.02	4,687	Neg.	Neg.	Neg.	Neg.	3.6	2.8	0.5	0.7	1.0	0.2	9.9
Regal Petroleum	RPT LN	London	2.63 GBp	+0.0	-16.7	-30.0	-42.9	0.04	11.9	-21.6	80.9	9.6	0.0	4.1	0.07	1,469	2.1	N/A	N/A	Neg.	N/A	N/A	Neg.	Neg.	N/A	0.2	0.0
Sadova Group	SGR PW	Warsaw	0.29 PLN	+7.4	-3.3	-3.3	-40.8	0.07	3.1	44.5	25.0	0.8	2.6	0.7	0.19	515	Neg.	N/A	N/A	Neg.	N/A	N/A	17.5	N/A	N/A	N/A	137.6
Zakhidenergo	ZAEN UK	Kiev, PFTS	84.00 UAH	+0.0	+12.0	+0.0	-48.1	3.16	40.5	69.8	5.0	2.0	0.0	0.6	0.02	6,641	Neg.	N/A	N/A	0.1	N/A	N/A	0.2	N/A	N/A	0.5	11.6
METALLURGY																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	-18.0	-28.6	-10.1	-31.6	0.00	9.7	1,555.7	3.9	0.4	0.4	0.1	0.02	4,762	Neg.	Neg.	N/A	0.5	Neg.	N/A	2.8	6.8	N/A	N/A	145.5
Avdiyivsky Cok...	AVDK UK	Kiev, UX	1.14 UAH	+1.6	-0.4	+3.4	-20.9	0.04	8.4	7.5	4.0	0.3	0.0	1.0	0.01	12,304	Neg.	N/A	N/A	Neg.	N/A	N/A	0.0	N/A	N/A	0.0	0.0
Azovstal	AZST UK	Kiev, UX	0.27 UAH	-8.5	-18.2	-32.5	-67.2	0.01	42.7	-9.6	4.1	1.8	1.2	0.9	0.06	1,684	1.2	1.0	N/A	Neg.	N/A	N/A	Neg.	Neg.	N/A	0.0	0.0
Ferrexpo PLC	FXPO LN	London	26.00 GBp	+1.0	+31.6	+20.9	-56.0	0.37	215.5	872.1	22.4	48.3	305.8	264.8	0.33	299	1.2	1.9	20.0	2.7	3.2	5.7	0.6	0.9	1.0	0.5	61.1
Yasynivsky Cok...	YASK UK	Kiev, UX	0.23 UAH	+0.0	-8.8	-0.9	-34.9	0.01	2.3	2.9	9.0	0.2	0.0	3.1	1.58	63	Neg.	Neg.	N/A	Neg.	N/A	N/A	0.0	0.0	N/A	0.0	0.0
Yenakievo Steel	ENMZ UK	Kiev, UX	9.05 UAH	-10.1	-32.4	-35.4	-49.4	0.34	3.6	-9.4	9.4	0.3	0.1	0.3	0.12	868	Neg.	Neg.	N/A	Neg.	Neg.	N/A	Neg.	Neg.	N/A	0.1	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	0.34 EUR	-2.9	-2.9	-15.0	-35.8	0.37	36.4	90.9	34.0	12.4	23.2	10.6	0.04	2,304	Neg.	Neg.	2.3	4.5	4.5	3.0	1.3	1.4	1.1	0.5	83.5
Agroliga	AGL PW	Warsaw	13.19 PLN	-0.1	+20.5	+15.9	+43.4	3.32	5.1	6.3	16.7	0.9	0.8	1.8	0.35	286	1.7	N/A	N/A	1.7	N/A	N/A	0.4	N/A	N/A	0.5	10.7
Agroton	AGT PW	Warsaw	0.96 PLN	+0.0	+14.3	-5.0	-25.6	0.24	5.2	32.0	26.2	1.4	4.1	6.6	0.75	133	Neg.	N/A	N/A	1.4	N/A	N/A	0.5	N/A	N/A	0.1	33.4
Astarta Holdin...	AST PW	Warsaw	32.50 PLN	+0.0	+8.0	-5.8	+30.0	8.18	204.4	425.2	31.0	63.4	1.0	17.1	0.04	2,827	Neg.	17.4	4.1	3.6	3.3	3.7	1.1	1.3	1.2	0.9	49.6
Avangard	AVGR LI	London Intl	0.60 USD	+0.0	-40.0	-52.0	-78.6	0.60	38.3	329.0	21.7	8.3	0.0	1.1	0.03	3,191	Neg.	Neg.	Neg.	2.5	8.7	N/A	0.8	1.2	1.0	0.1	33.1
IMC	IMC PW	Warsaw	6.33 PLN	+2.1	+3.3	+6.0	+7.3	1.59	49.9	155.4	23.9	11.9	0.2	12.0	0.24	424	Neg.	Neg.	2.7	2.7	3.0	3.3	1.1	1.1	1.0	1.8	69.8
Kernel Holding...	KER PW	Warsaw	52.09 PLN	+5.4	+16.5	+8.3	+65.3	13.11	1,044.3	1,506.7	58.8	613.8	3,190.5	2,212.2	0.21	479	9.8	5.3	4.7	3.8	4.4	4.3	0.6	0.6	0.6	1.1	32.0
KSG Agro	KSG PW	Warsaw	0.85 PLN	-5.6	+2.4	-8.6	-19.8	0.21	3.2	66.5	34.4	1.1	3.7	2.1	0.28	356	Neg.	N/A	N/A	6.6	N/A	N/A	2.1	N/A	N/A	N/A	67.4
MHP	MHPC LI	London Intl	8.00 USD	+0.0	+6.7	-14.0	-13.0	8.00	845.3	2,018.0	22.3	188.7	287.5	366.0	0.19	538	Neg.	4.2	3.4	3.6	4.2	4.5	1.5	1.6	1.6	1.2	53.0
Milkiland	MLK PW	Warsaw	1.40 PLN	+10.2	+19.7	-1.4	-58.9	0.35	11.0	125.6	20.0	2.2	16.8	9.7	0.66	151	Neg.	Neg.	Neg.	9.1	25.1	14.0	0.4	0.6	0.6	0.1	42.5
Ovostar Union	OVO PW	Warsaw	92.00 PLN	+0.0	-1.1	+1.7	+31.6	23.15	138.9	148.5	25.0	34.7	4.6	26.2	0.01	8,457	5.5	6.0	7.4	5.1	5.8	6.3	1.9	1.9	1.5	1.7	9.4
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	0.02 EUR	+0.0	-71.4	-71.4	-81.8	0.02	1.1	94.0	13.1	0.1	0.0	0.5	1.21	83	Neg.	N/A	N/A	Neg.	N/A	N/A	3.6	N/A	N/A	0.0	41.9
FINANCIAL SERVICES																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.07 UAH	-0.4	-2.1	-7.2	-34.1	0.00	78.9	N/A	3.8	3.0	1.4	3.3	0.07	1,345	N/A	Neg.	3.2	N/A	N/A	N/A	N/A	N/A	N/A	0.5	N/A
Ukrsotsbank	USCB UK	Kiev, UX	0.09 UAH	+0.0	-6.3	-9.9	-19.1	0.00	82.7	N/A	4.5	3.7	0.0	1.9	0.06	1,610	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4	38.2

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

ICU's UAH trade-weighted indices

(Last 12-month history to 3 Mar 2016)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 2 Mar 2016)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	26.6000	-1.99	-2.74	+10.85	+10.70
NBU avg	26.8108	-1.01	-1.50	+12.69	+12.69
Ttl vlm ¹	285.74	+41.00	+23.81	-21.34	-21.34
\$ volume ²	193.55	+35.83	+20.57	-22.90	-22.90
NDF 3M	27.8000	-1.91	-2.63	+0.00	+0.00
NDF 6M	29.1500	-1.82	-2.51	+19.00	+5.89
NDF 1Y	30.6500	-1.73	-2.39	+20.21	+20.21
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	26.122	+1.91	+2.36	-8.81	-8.65
UAH real CPI	89.851	+1.91	+2.36	-8.81	-8.29
UAH real PPI	118.974	+1.91	+2.36	-8.81	-8.65
USD nom'l	98.214	-0.14	+0.78	-0.48	-0.42
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	73.0532	-0.37	-3.58	+0.73	+0.73
EUR/USD	1.0868	+0.00	-1.32	+0.11	+0.06
USD/CNY	6.5510	-0.02	+0.30	+0.88	+0.88
USD/PLN	3.9778	-0.21	+0.08	+0.80	+1.40
USD/TRY	2.9255	-0.36	-0.38	+0.14	+0.28
USD/BYR	21,400.00	+0.23	-1.29	+15.25	+14.89
USD/KZT	346.9000	-0.40	-1.04	+1.85	+1.85
OTHER MAJOR CURRENCIES					
USD/JPY	113.4800	-0.46	+1.16	-5.86	-5.61
GBP/USD	1.4078	+0.90	+1.08	-4.53	-4.47
USD/CHF	0.9968	-0.06	+0.81	-0.46	-0.53
AUD/USD	0.7295	+1.67	+1.38	-0.11	+0.12
USD/CAD	1.3417	+0.05	-2.08	-3.16	-3.05
USD/BRL	3.8941	-1.02	-1.61	-1.68	-1.68
USD/KRW	1,227.47	-0.44	-0.55	+4.68	+4.46
COMMODITIES					
Gold(\$/oz)	1,239.98	+0.64	+0.91	+16.82	+16.82
WTI crude ³	34.66	+0.76	+14.01	+0.00	-6.43
Brent crd ³	36.73	+1.41	+8.48	+1.63	+2.74
Urals crd ³	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB ⁴	164.62	+0.45	+1.93	-6.55	-6.55

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>).

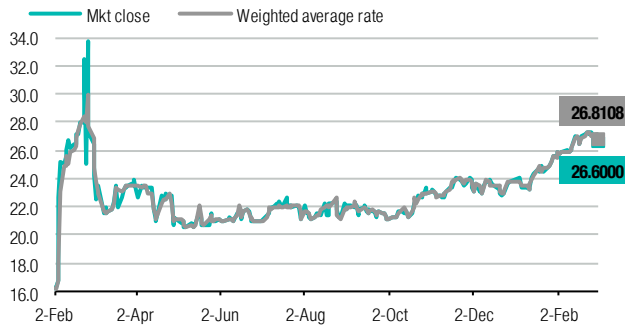
Section on FX market is continued on next page.

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.

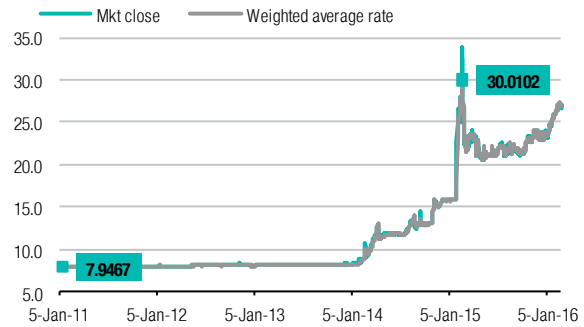
Sources: Bloomberg, Investment Capital Ukraine LLC.

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)

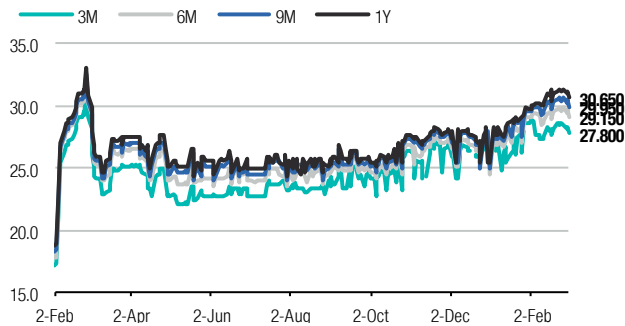


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

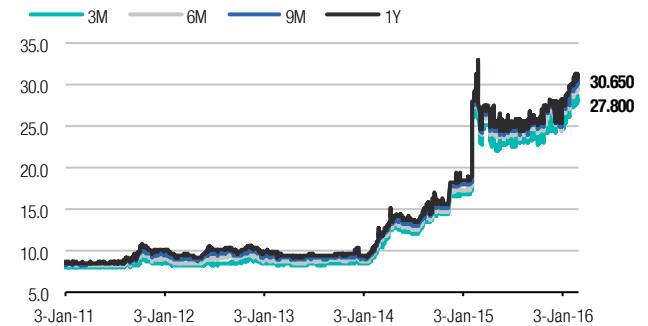


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

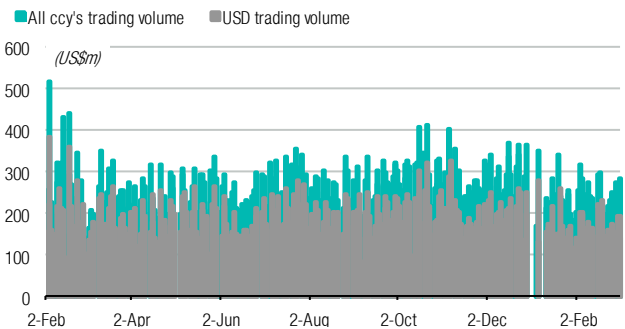


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

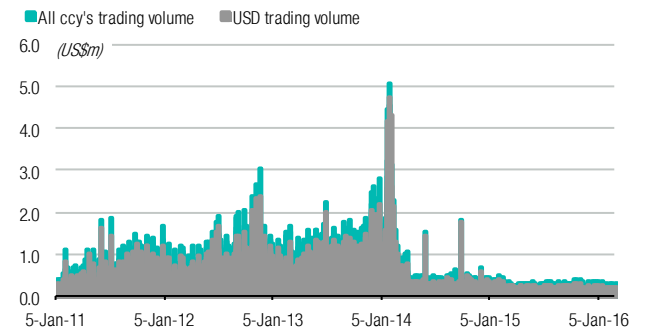


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

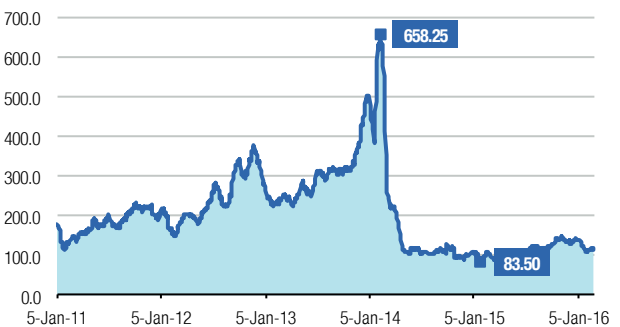


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)

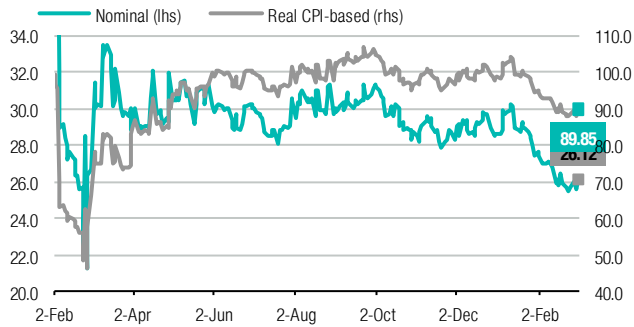


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

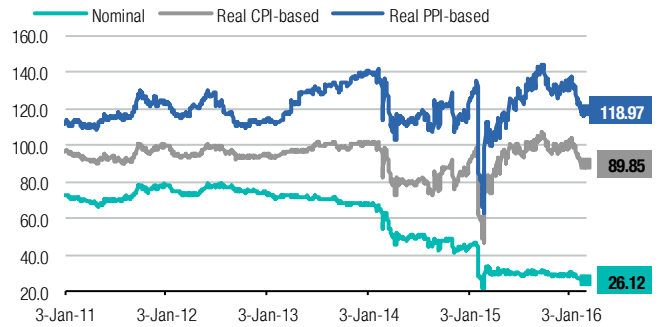
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <http://www.icu.ua/en/research/currency-indices>).

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



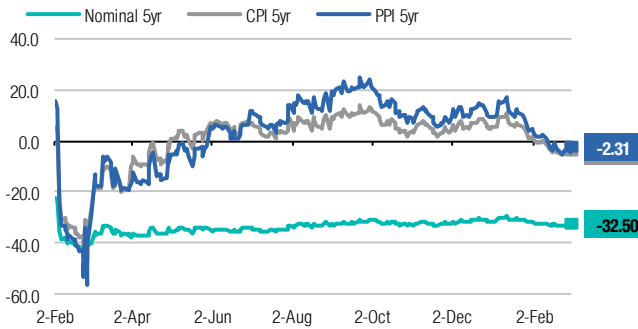
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

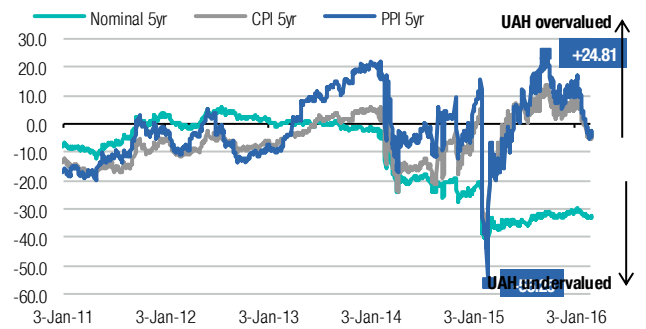


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

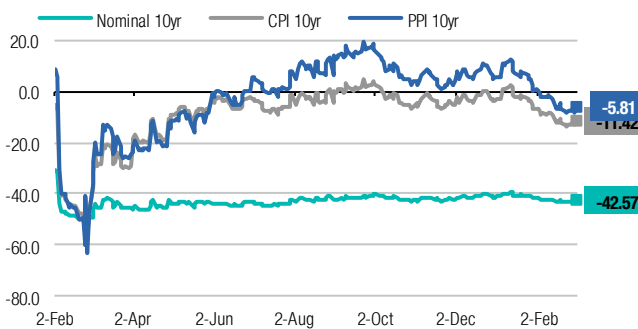


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

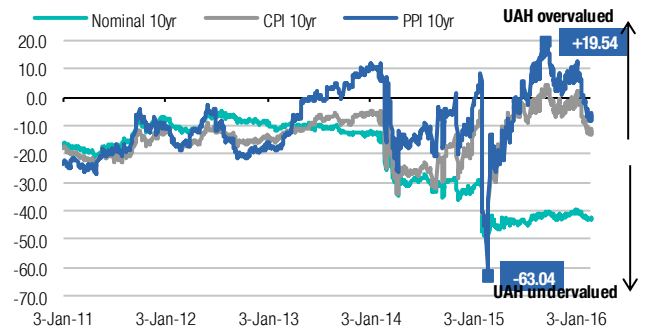


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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.

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Disclosures

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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.

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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



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

WEB www.icu.ua



[@ICU_UA](https://twitter.com/ICU_UA)

CORPORATE FINANCE

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

Ivan Shvydanenko, Director
ivan.shvydanenko@icu.ua

Roman Nikitov, ACCA Director
roman.nikitov@icu.ua

Yuriy Kamarytskyi, Vice President
yuriy.kamarytskyi@icu.ua

Ruslan Kilmukhametov, Director
ruslan.kilmukhametov@icu.ua

Ruslan Patlavsky, Director
ruslan.patlavsky@icu.ua

STRATEGY AND CORPORATE DEVELOPMENT

Vlad Sinani, Director
vlad.sinani@icu.ua

SALES AND TRADING

Konstantin Stetsenko
Managing Director
konstantin.stetsenko@icu.ua

Liliya Kubytovych
Asset Management Product Sales
liliya.kubytovych@icu.ua

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

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

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

RESEARCH DEPARTMENT

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

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

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

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

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

Lee Daniels, Rolfe Haas
Editors

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