



Focus  
**Ukraine**

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

Research team  
**Taras Kotovych**

# Daily Insight

## USA could provide new guarantee for Ukraine

### Contents

<b>Bonds: News &amp; Comments</b>	<b>2</b>
Liquidity rises to UAH92bn .....	2
USA could provide new guarantee for Ukraine.....	2
Chart page: Local bond market & Eurobond markets.....	3
<b>FX: News &amp; Comments</b>	<b>5</b>
Chart page #1: Foreign-exchange market.....	6
Chart page #2: ICU's UAH trade-weighted indices.....	7

TUESDAY, 27 OCTOBER 2015

### UX Index (3 months to 27 Oct 2015)



Source: UX.

### Key market indicators (as of 26 Oct 2015)

	Last	Daily chg (%)	YTD chg (%)
<b>FX &amp; MONEY RATES</b>			
USD/UAH	22.7000	-0.22	+43.49
USD/UAH (1Y NDF)	25.4962	-5.57	+38.19
EUR/USD	1.1058	+0.36	-8.60
USD/RUB	63.0080	+1.02	+3.74
KievPRIME O/N (%)	18.58	+3bp	-32bp
KievPRIME 1M (%)	22.08	-7bp	+218bp
<b>SOVEREIGN EUROBONDS: yields and spreads</b>			
Ukraine 15, Eurobond (%)	N/A	+0bp	-5,346bp
Ukraine 17, Eurobond (%)	26.53	+5bp	-123bp
Ukraine 22, Eurobond (%)	12.97	+1bp	-328bp
Ukraine 23, Eurobond (%)	11.51	+1bp	-405bp
Ukraine 5Y CDS	N/A		
<b>EQUITIES</b>			
<b>Stock market indices</b>			
UX (Ukraine)	774.40	-0.35	-25.06
MSCI World	411.99	-0.10	-1.23
MSCI EM	867.65	-0.10	-9.27
RTS (Russia)	858.01	-1.70	+9.00
WIG-20 (Poland)	2,110.74	+0.16	-8.86
S&P 500 (USA)	2,071.18	-0.19	+0.60

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 rises to UAH92bn

Banking sector liquidity began this week at UAH91.86bn, up UAH1.04bn from last Friday. Banks' corresponding accounts with the NBU rose UAH2.12bn to UAH26.96bn yesterday, while total CDs outstanding declined UAH1.08bn to UAH64.90bn yesterday.

**Investment implications:** Although banks slightly decreased CDs prior to the weekend, causing yesterday's indicator to decline, these funds were reallocated to banks' accounts, most likely to be available this week for month-end tax payments. Yesterday's liquidity was probably this month's high and probably will not be retouched until the beginning of November.

Taras Kotovych, Kiev, +38044 2200120 ext.724

## USA could provide new guarantee for Ukraine

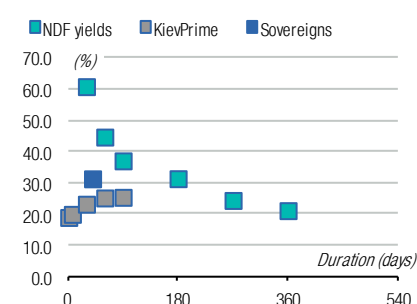
The US government might provide a new, third US\$1.0bn guaranteed bond for Ukraine sometime over the next few months, US Minister of Trade Penny Pritzker said yesterday in Kyiv. The US Administration offered US\$2.0bn guarantee for Ukraine this year, the first of which was placed this spring and the second one for issuance at the end of this year.

**Investment implications:** We expect this new US\$1.0bn US-backed Eurobond to be issued this December after the debt restructuring is finalized and Ukraine is in accordance with the IMF program. With the current 5-year US Treasury yield at 1.4%, the new bond could be issued at an interest rate of 1.7%, as the usual spread for these bonds is about 30bp. A successful debt restructuring could tighten the spread slightly but not significantly.

Taras Kotovych, Kiev, +38044 2200120 ext.724

## Yield curve of the local bond market

(as of market close on 26 Oct 2015)



Sources: Bloomberg, Investment Capital Ukraine LLC.

## Bond market indicators (as of 26 Oct 2015)

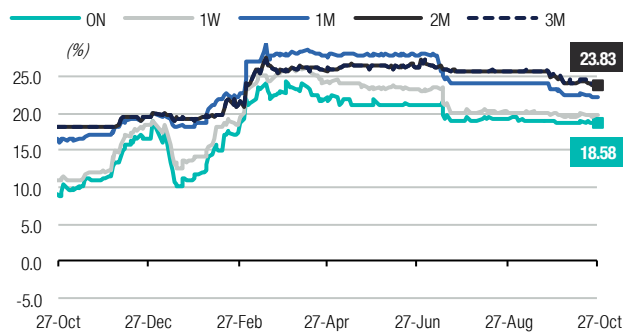
	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
<b>MONEY MARKET KIEV PRIME RATES (%)</b>					
O/n	18.58	+3bp	-11bp	-25bp	-32bp
1wk	19.67	+7bp	-2bp	-16bp	+67bp
1m	22.08	-7bp	-42bp	-105bp	+218bp
2m	23.67	-13bp	-52bp	-116bp	+367bp
3m	23.83	-7bp	-61bp	-134bp	+383bp
<b>LIQUIDITY WIDE MEASUREMENT (UAHm)</b>					
CB acc's <sup>1</sup>	26,955	+8.52	-1.64	+11.97	-18.94
CDs <sup>2</sup>	51,135	-22.49	-16.64	-9.38	+223.9
Sovgns <sup>3</sup>	7,515	+11.17	-10.41	+70.10	+65.83
<b>Total</b>	<b>85,605</b>	<b>-12.27</b>	<b>-11.87</b>	<b>+0.81</b>	<b>+59.80</b>
<b>HOLDERS OF UAH SOVEREIGN BONDS (UAHm)</b>					
C.bank	368,927	+0.00	-0.01	+1.29	+15.97
Banks	82,681	+0.66	+3.56	+3.18	-10.93
Resid's <sup>4</sup>	21,026	+0.26	+0.57	+1.74	-14.13
Non-res <sup>5</sup>	22,277	+1.22	+6.20	+5.52	+4.66
<b>Total</b>	<b>494,910</b>	<b>+0.18</b>	<b>+0.87</b>	<b>+1.81</b>	<b>+8.33</b>
<b>NDF IMPLIED YIELDS (%)</b>					
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
<b>LOCAL CURRENCY UAH SOVEREIGN BOND YIELDS (%)</b>					
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 <sup>6</sup>	N/A	N/A	N/A	N/A	N/A
<b>EUROBONDS USD SOVEREIGN BOND YIELDS (%)</b>					
CDS 5yr	N/A	N/A	N/A	N/A	N/A
Jun '16	54.64	+28bp	+188bp	+767bp	+18bp
Jul '17	26.53	+5bp	+34bp	+174bp	-123bp
Sep '20	13.29	+1bp	+7bp	-73bp	-555bp
Sep '21	14.08	+1bp	+7bp	+19bp	-445bp
Sep '22	12.97	+1bp	+5bp	+47bp	-328bp
Feb '23	11.51	+1bp	+4bp	-61bp	-405bp

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.

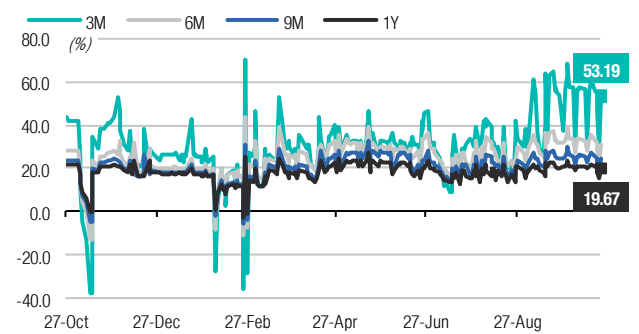
Chart page: Local bond market & Eurobond markets

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



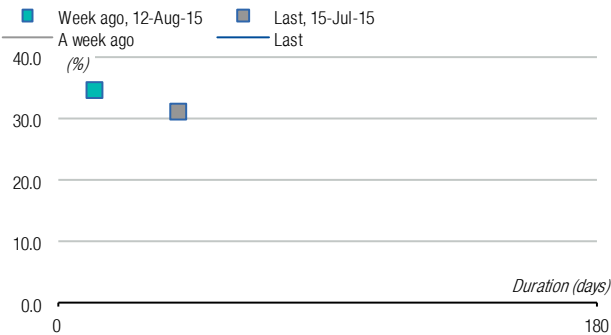
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



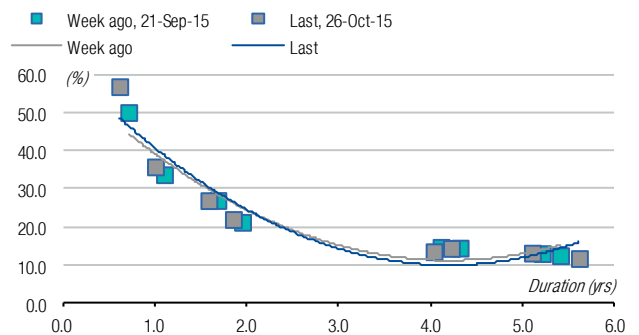
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 26 Oct 2015



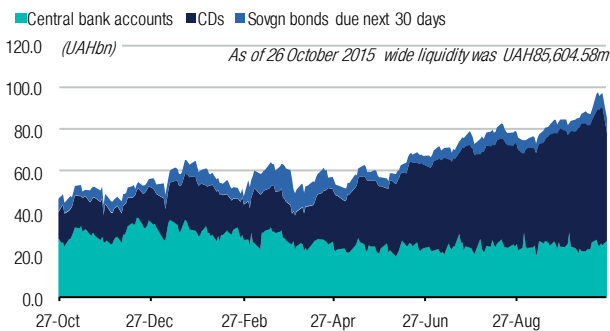
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 26 Oct 2015



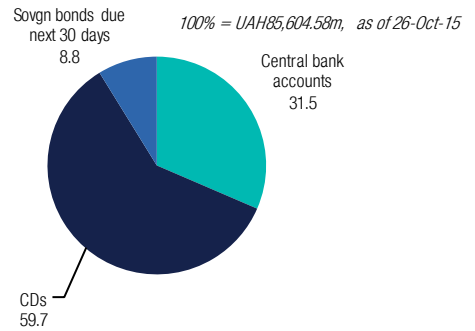
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



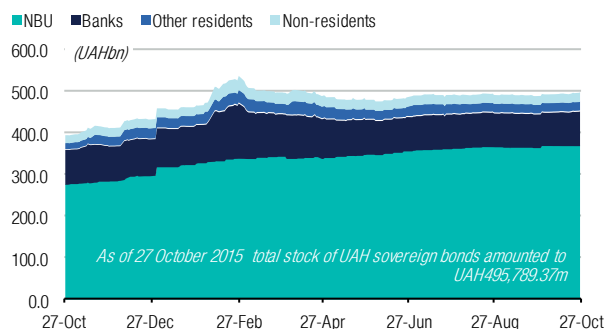
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 26 Oct 2015



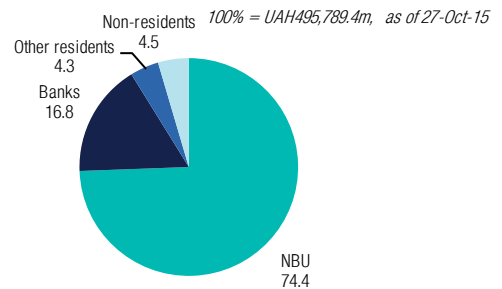
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 26 Oct 2015



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

Table 1. Ukrainian stocks (closing prices as of 26-Oct-2015)

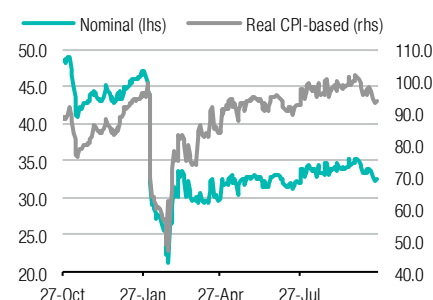
Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/Assets (%)
<b>ENERGY</b>																											
Cadogan Petrol...	CAD LN	London	10.63 GBp	+0.0	-10.5	+6.3	+3.7	0.16	37.7	-11.5	40.2	15.2	6.4	10.0	0.04	2,479	Neg.	N/A	N/A	1.6	N/A	N/A	Neg.	N/A	N/A	0.5	15.3
Centrenergo	CEEN UK	Kiev, UX	5.37 UAH	+0.0	-9.8	-28.8	-30.7	0.24	87.0	95.8	21.7	18.9	1.4	10.1	0.07	1,498	28.1	6.7	4.5	0.3	2.9	N/A	0.3	0.2	0.2	0.9	4.2
Donbasenergo	DOEN UK	Kiev, UX	17.72 UAH	+0.0	-3.6	-46.3	-48.4	0.78	18.4	28.2	14.2	2.6	1.3	3.3	0.07	1,376	4.2	Neg.	N/A	0.0	Neg.	N/A	0.1	0.2	N/A	0.3	13.6
JKX Oil & Gas	JKX LN	London	27.00 GBp	+0.0	+54.3	+125.0	-29.2	0.41	71.2	81.9	47.2	33.6	0.0	156.8	0.20	512	Neg.	Neg.	Neg.	Neg.	1.8	3.3	0.6	0.7	1.1	0.3	9.9
Regal Petroleum	RPT LN	London	4.50 GBp	+0.0	+13.6	+44.0	-28.0	0.07	22.1	-11.3	80.9	17.9	0.0	2.1	0.00	28,830	3.8	N/A	N/A	Neg.	N/A	N/A	Neg.	Neg.	N/A	0.3	0.0
Zakhidenergo	ZAEN UK	Kiev, PFTS	82.00 UAH	+0.0	-36.9	-44.6	-49.5	3.60	46.0	80.1	5.0	2.3	0.1	0.1	0.02	4,809	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.5	11.6
<b>METALLURGY</b>																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	+0.0	-12.7	-17.9	-54.2	0.00	13.5	1,814.4	3.9	0.5	0.0	0.2	0.08	1,270	Neg.	Neg.	N/A	0.6	Neg.	N/A	2.8	6.8	N/A	N/A	145.5
Avdiyivsky Cok...	AVDK UK	Kiev, UX	1.12 UAH	+0.0	+11.5	-35.5	-58.4	0.05	9.5	9.0	4.0	0.4	0.4	1.0	0.18	558	Neg.	Neg.	N/A	Neg.	Neg.	N/A	0.0	0.0	N/A	0.0	0.0
Azovstal	AZST UK	Kiev, UX	0.56 UAH	+0.0	-21.3	-24.8	-27.3	0.02	103.3	54.0	4.1	4.2	3.7	1.5	0.05	1,948	2.6	2.0	N/A	0.0	0.5	N/A	0.1	0.0	N/A	0.1	0.0
Ferrexpo PLC	FXPO LN	London	36.50 GBp	-4.6	+2.1	-25.4	-53.7	0.56	329.8	986.4	22.4	73.9	0.0	443.4	0.46	216	1.8	2.7	6.8	3.1	3.8	4.9	0.7	1.0	1.0	0.7	61.1
Yasynivsky Cok...	YASK UK	Kiev, UX	0.25 UAH	+0.0	+38.9	-10.7	-45.7	0.01	3.0	3.7	9.0	0.3	0.0	1.2	0.89	113	Neg.	Neg.	N/A	Neg.	Neg.	N/A	0.0	0.0	N/A	0.1	0.0
Yenakievo Steel	ENMZ UK	Kiev, UX	16.10 UAH	+0.0	-0.5	-23.2	-45.2	0.71	7.5	0.1	9.4	0.7	0.4	2.0	0.11	896	Neg.	Neg.	N/A	0.0	0.0	N/A	0.0	0.0	N/A	0.2	0.0
<b>FOOD AND AGRIBUSINESS</b>																											
AgroGeneration	ALAGR FP	EN Paris	0.47 EUR	+0.0	+0.0	+9.3	-4.1	0.52	48.0	142.3	34.0	16.3	1.0	66.1	0.70	142	Neg.	Neg.	3.0	Neg.	7.0	4.7	2.0	2.2	1.7	N/A	35.9
Agroliga	AGL PW	Warsaw	15.05 PLN	-2.6	+32.0	+67.2	+16.8	3.89	6.0	6.7	16.7	1.0	8.1	1.6	0.17	582	1.7	N/A	N/A	1.9	N/A	N/A	0.4	N/A	N/A	0.6	5.7
Agroton	AGT PW	Warsaw	1.38 PLN	+0.0	+30.2	+12.2	-36.1	0.36	7.7	34.4	26.2	2.0	14.8	21.0	1.67	60	Neg.	N/A	N/A	1.5	N/A	N/A	0.6	N/A	N/A	0.2	33.4
Astarta Holdin...	AST PW	Warsaw	34.00 PLN	+2.4	+29.7	+70.0	+3.0	8.78	219.5	447.3	31.0	68.1	1.0	69.1	0.08	1,238	Neg.	36.9	3.5	3.8	3.9	3.9	1.1	1.2	1.1	0.9	49.6
Avangard	AVGR LI	London Intl	1.10 USD	+0.0	+23.7	-46.3	-82.5	1.10	70.3	370.5	21.7	15.2	0.0	46.4	0.05	2,121	Neg.	Neg.	Neg.	2.9	9.7	4.4	0.9	1.3	1.1	0.2	33.1
IMC	IMC PW	Warsaw	6.45 PLN	-3.7	+29.0	+13.8	-7.9	1.67	52.1	152.6	23.9	12.5	2.2	4.5	0.04	2,264	Neg.	2.8	1.7	2.7	2.8	2.8	1.1	1.2	1.1	1.9	69.8
Kernel Holding...	KER PW	Warsaw	52.65 PLN	+0.0	+15.2	+85.0	+109.3	13.60	1,083.6	1,418.3	58.8	636.8	3.6	2,098.5	0.47	212	10.1	5.1	5.1	3.6	3.9	4.0	0.6	0.6	0.6	1.2	31.6
KSG Agro	KSG PW	Warsaw	1.23 PLN	+3.4	+28.1	+9.8	-14.0	0.32	4.8	74.8	34.4	1.6	1.5	18.0	1.26	79	Neg.	N/A	N/A	7.5	N/A	N/A	2.3	N/A	N/A	N/A	67.4
MHP	MHPC LI	London Intl	9.30 USD	+0.0	+1.1	+1.1	-16.4	9.30	982.7	2,208.5	22.3	219.3	23.8	367.5	0.14	694	Neg.	6.0	3.6	4.0	4.4	4.7	1.6	1.8	1.8	1.5	53.0
Milkiland	MLK PW	Warsaw	2.05 PLN	-4.2	+105.0	+38.5	-41.3	0.53	16.5	123.8	20.0	3.3	8.9	58.3	2.85	35	Neg.	Neg.	Neg.	9.0	7.1	7.1	0.4	0.5	0.5	0.2	42.5
Ovostar Union	OVO PW	Warsaw	89.51 PLN	+0.0	+0.6	+24.3	+30.0	23.12	138.7	147.1	25.0	34.7	3.1	15.4	0.01	13,443	5.5	6.5	6.8	5.0	6.1	5.5	1.9	2.0	1.4	1.7	9.4
<b>CONSTRUCTION</b>																											
TMM	TR61 GF	Frankfurt	0.01 EUR	+0.0	+0.0	-85.0	-92.6	0.01	0.7	93.6	13.1	0.1	0.0	0.0	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	3.6	N/A	N/A	0.0	41.9
<b>FINANCIAL SERVICES</b>																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.08 UAH	+0.0	-3.5	-20.3	-38.5	0.00	100.6	N/A	3.8	3.8	3.2	5.5	0.21	471	N/A	Neg.	5.7	N/A	N/A	N/A	N/A	N/A	N/A	0.6	N/A
Ukrsofsbank	USCB UK	Kiev, UX	0.09 UAH	+0.0	-10.1	-30.9	-39.7	0.00	97.3	N/A	4.5	4.4	0.0	0.7	0.00	73,519	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 27 Oct 2015)



Source: Investment Capital Ukraine LLC.

## FX market indicators (as of 26 Oct 2015)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
<b>USD/UAH MARKET (HRYVNIA per US DOLLAR)</b>					
Spot mkt	22.7000	-0.22	+5.09	+4.85	+43.49
NBU avg	22.9059	+1.47	+5.96	+5.97	+45.26
Ttl vlm <sup>1</sup>	216.84	-25.92	-36.97	-19.30	-49.68
\$ volume <sup>2</sup>	148.62	-30.27	-41.83	-19.38	-58.05
NDF 3M	23.1462	-10.12	-5.91	-5.75	+37.37
NDF 6M	24.4962	-6.68	-2.41	-2.24	+40.78
NDF 1Y	25.4962	-5.57	-1.37	-1.20	+38.19
<b>TRADE-WEIGHTED INDICES (TWIs, points)</b>					
UAH nom'l	32.385	+0.37	-3.64	-5.44	-27.17
UAH real CPI	93.480	+0.37	-3.64	-5.44	+8.02
UAH real PPI	112.421	+0.37	-3.64	-5.44	-4.54
USD nom'l	96.861	-0.27	+2.04	+0.61	+7.30
<b>FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs</b>					
USD/RUB	63.0080	+1.02	+1.08	-3.67	+3.74
EUR/USD	1.1058	+0.36	-2.37	-1.22	-8.60
USD/CNY	6.3521	+0.02	-0.13	-0.35	+2.36
USD/PLN	3.8674	+0.18	+3.15	+2.48	+9.14
USD/TRY	2.8899	-0.62	-0.54	-5.17	+23.76
USD/BYR	17,305.00	+0.29	+0.67	-2.26	+57.32
USD/KZT	279.3000	+0.58	+0.85	+3.43	+53.17
<b>OTHER MAJOR CURRENCIES</b>					
USD/JPY	121.1000	-0.30	+1.34	+0.42	+1.10
GBP/USD	1.5352	+0.25	-0.73	+1.13	-1.44
USD/CHF	0.9836	+0.51	+2.84	+0.42	-1.08
AUD/USD	0.7249	+0.46	+0.01	+3.20	-11.33
USD/CAD	1.3153	-0.10	+1.03	-1.38	+13.18
USD/BRL	3.9072	+0.80	+0.54	-1.72	+47.02
USD/KRW	1,133.90	+0.80	+1.14	-5.08	+3.93
<b>COMMODITIES</b>					
Gold(\$/oz)	1,163.03	-0.13	-0.66	+1.45	-1.84
WTI crude <sup>3</sup>	43.98	+0.76	-4.16	-3.76	-17.44
Brent crd <sup>3</sup>	45.43	-1.32	-4.52	-2.66	-18.53
Urals crd <sup>3</sup>	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB <sup>4</sup>	192.28	-0.74	-2.26	-1.75	-16.38

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.

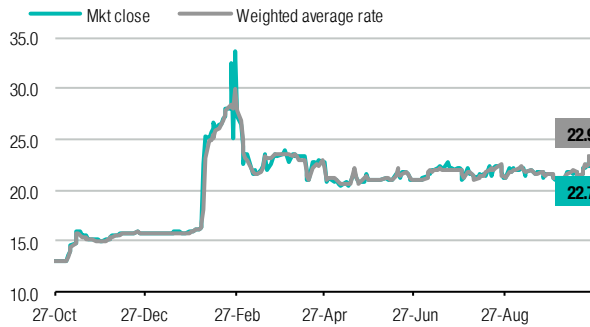
Sources: Bloomberg, Investment Capital Ukraine LLC.

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>).

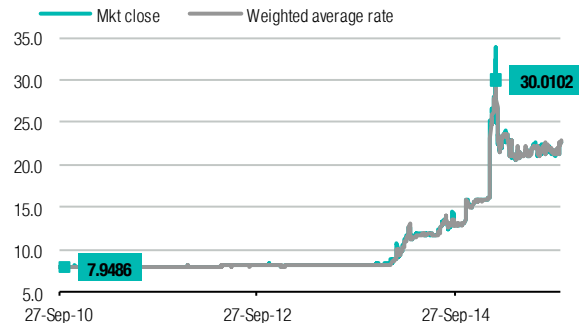
Section on FX market is continued on next page.

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)

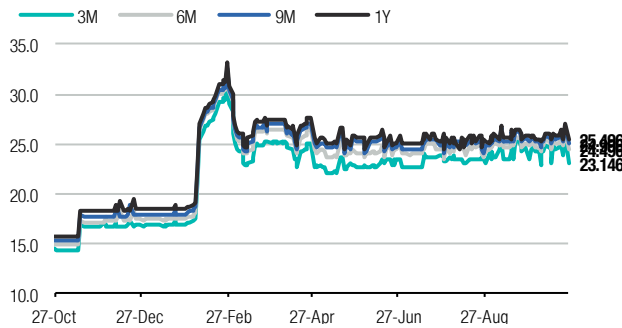


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

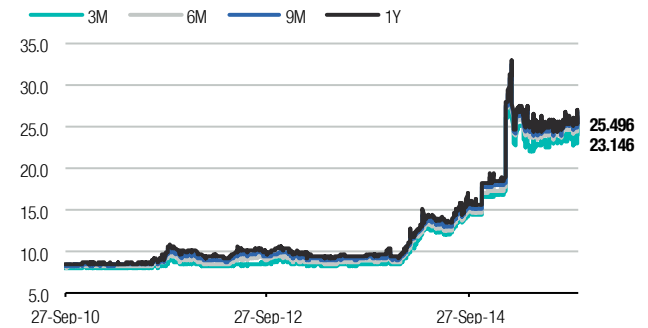


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

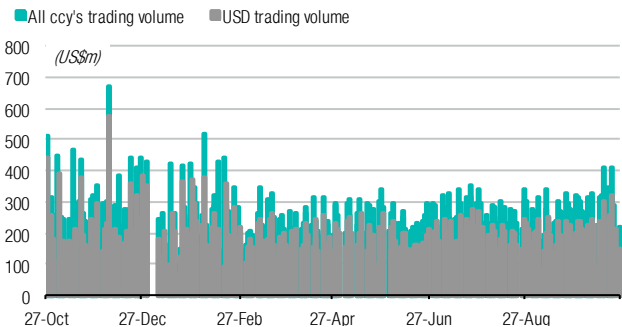


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

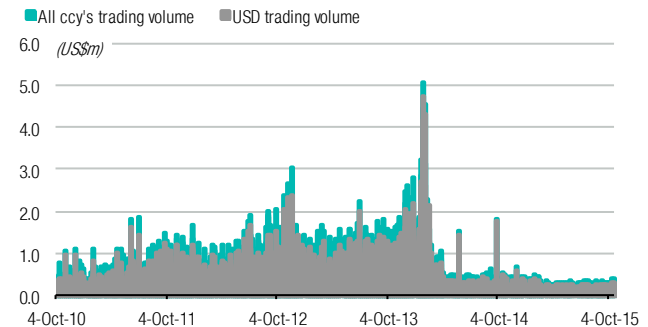


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

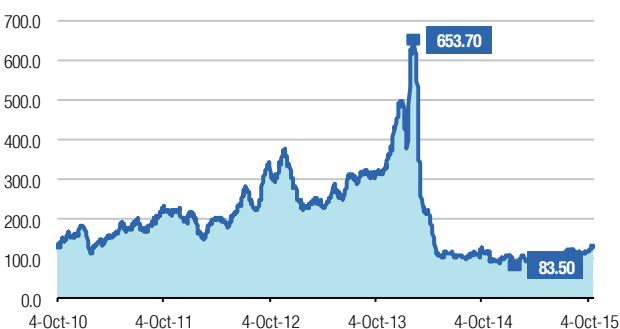
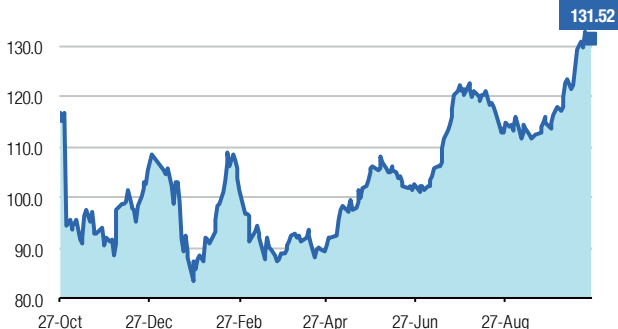


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)

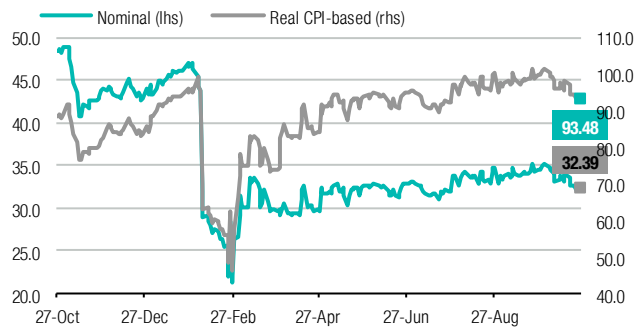


Note: \* 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

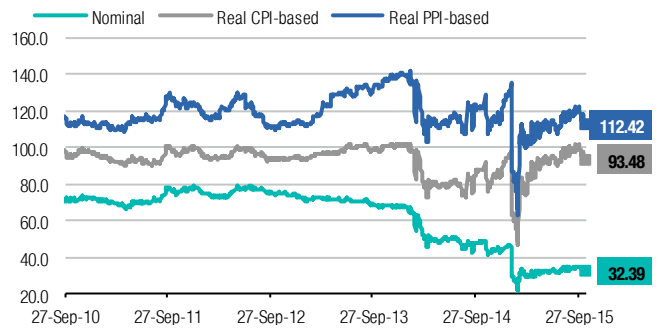
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit <http://www.icu.ua/en/research/currency-indices>).

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



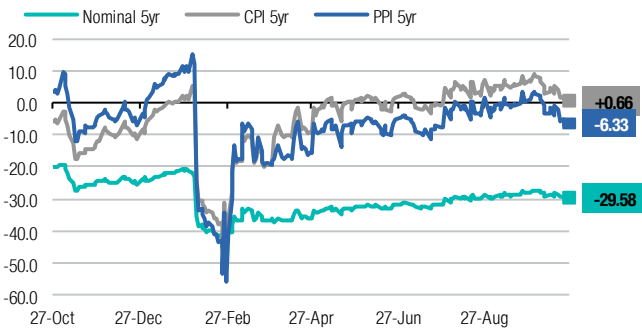
Note: The boxes indicate the last values of the depicted indicators.  
Source: Investment Capital Ukraine LLC.

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

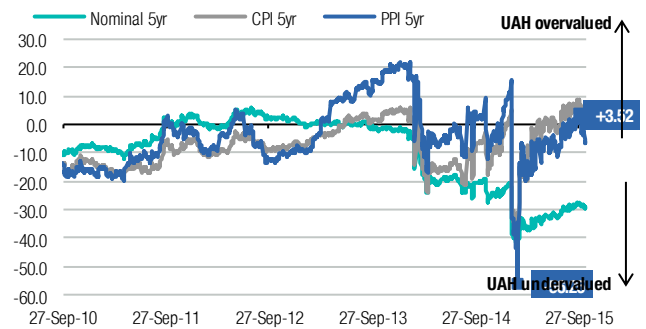


Note: The boxes indicate the last values of the depicted indicators.  
Source: Investment Capital Ukraine LLC.

**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)**

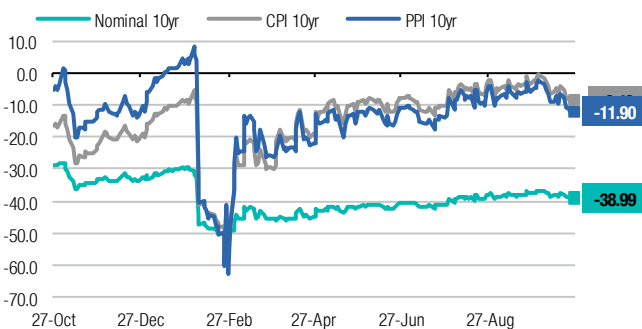


Note: The boxes indicate the last values of the depicted indicators.  
Source: Investment Capital Ukraine LLC.

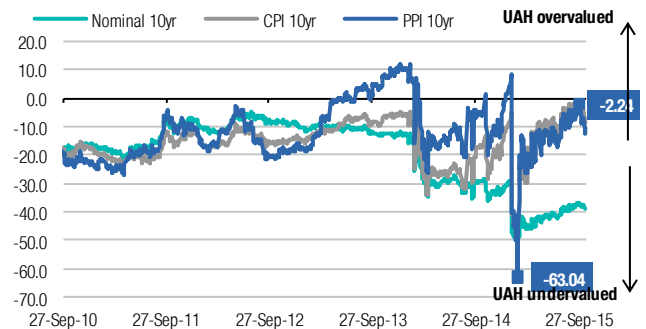


Note: the boxes indicate the high and low values of CPI-based TWI.  
Source: Investment Capital Ukraine LLC.

**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.

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

**WEB** [www.icu.ua](http://www.icu.ua)



@ICU\_UA

## CORPORATE FINANCE

**Makar Paseniuk, CFA**, Managing Director  
[makar.paseniuk@icu.ua](mailto:makar.paseniuk@icu.ua)

**Ivan Shvydanenko**, Vice President  
[ivan.shvydanenko@icu.ua](mailto:ivan.shvydanenko@icu.ua)

**Roman Nikitov, ACCA** Director  
[roman.nikitov@icu.ua](mailto:roman.nikitov@icu.ua)

**Yuriy Kamarytskyi**, Vice President  
[yuriy.kamarytskyi@icu.ua](mailto:yuriy.kamarytskyi@icu.ua)

**Ruslan Kilmukhametov**, Director  
[ruslan.kilmukhametov@icu.ua](mailto:ruslan.kilmukhametov@icu.ua)

**Ruslan Patlavsky**, Vice President  
[ruslan.patlavsky@icu.ua](mailto:ruslan.patlavsky@icu.ua)

## STRATEGY AND CORPORATE DEVELOPMENT

**Vlad Sinani**, Director  
[vlad.sinani@icu.ua](mailto:vlad.sinani@icu.ua)

## SALES AND TRADING

**Konstantin Stetsenko**   
Managing Director  
[konstantin.stetsenko@icu.ua](mailto:konstantin.stetsenko@icu.ua)

**Liliya Kubytovych**   
Asset Management Product Sales  
[liliya.kubytovych@icu.ua](mailto:liliya.kubytovych@icu.ua)

**Sergiy Byelyayev**  
Fixed-Income Trading  
[sergiy.byelyayev@icu.ua](mailto:sergiy.byelyayev@icu.ua)

**Julia Pecheritsa**  
Ukraine and CIS International Sales  
[julia.pecheritsa@icu.ua](mailto:julia.pecheritsa@icu.ua)

**Vitaliy Sivach**   
Fixed-Income & FX Trading  
[vitaliy.sivach@icu.ua](mailto:vitaliy.sivach@icu.ua)

**Yevgeniya Gryshchenko**  
Fixed-Income Sales  
[yevgeniya.gryshchenko@icu.ua](mailto:yevgeniya.gryshchenko@icu.ua)

## RESEARCH DEPARTMENT

**Alexander Valchyshen**   
Head of Research  
[alexander.valchyshen@icu.ua](mailto:alexander.valchyshen@icu.ua)

**Taras Kotovych**   
Senior financial analyst (Sovereign debt)  
[taras.kotovych@icu.ua](mailto:taras.kotovych@icu.ua)

**Alexander Martynenko**   
Head of corporate research  
[alexander.martynenko@icu.ua](mailto:alexander.martynenko@icu.ua)

**Mykhaylo Demkiv**   
Financial analyst (Banks)  
[mykhaylo.demkiv@icu.ua](mailto:mykhaylo.demkiv@icu.ua)

**Bogdan Vorotilin**   
Financial analyst (Food & Agribusiness)  
[bogdan.vorotilin@icu.ua](mailto:bogdan.vorotilin@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 or 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.**