Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
Taras Kotovych

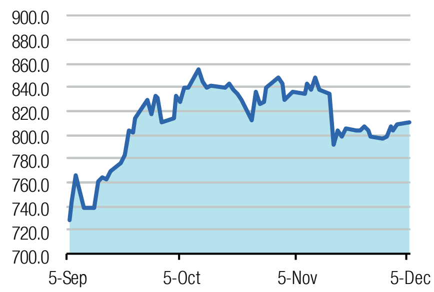
Daily Insight

MoF to offer 3-month bonds

TUESDAY, 6 DECEMBER 2016

Contents

UX Index (3 months to 6 Dec 2016)



Source: UX.

Key market indicators (as of 5 Dec 2016)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	26.0050	+0.02	+8.23
USD/UAH (1Y NDF)	30.1315	+0.32	+18.18
EUR/USD	1.0764	+0.94	-0.90
USD/RUB	63.8160	+0.03	-12.00
KievPRIME O/N (%)	13.33	-9bp	-573bp
KievPRIME 1M (%)	16.33	+0bp	-592bp
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	720bp	+0bp	+0bp
EQUITIES			
Stock market indices			
UX (Ukraine)	811.35	+0.35	+18.30
MSCI World	414.27	+0.49	+3.73
MSCI EM	853.97	+0.11	+7.53
RTS (Russia)	1,069.10	+1.80	+41.22
WIG-20 (Poland)	1,845.66	+3.48	-0.73
S&P 500 (USA)	2,204.71	+0.58	+7.87

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 declines

Starting at UAH79.67bn this week, banking sector liquidity fell UAH1.41bn from last Friday, which is a typical insignificant decline at the beginning of the month. There was a significant reallocation of funds, as banks' correspondent accounts with the NBU fell UAH3.00bn to UAH41.41bn while total CDs outstanding rose UAH1.59bn to UAH38.26bn.

Investment implications: Liquidity usually declines at the beginning of the month, probably due to lower budget expenditures. Banks continued to invest in CDs, however, increasing the total outstanding significantly, after this indicator fell to this year's low (the lowest level since May 2015). Over the next few weeks, we could see CDs outstanding increase and remain above UAH40bn until month-end tax payments begin.

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MoF to offer 3-month bonds

At today's primary auction, the MoF will offer a wider range of zero-coupon bonds, adding a 3-month bond that was last offered at the beginning of 2H16, in addition to four zero-coupon bonds with maturities up to 12 months and a 2-year coupon-bearing bond. Despite the wider range of bonds being offered, this auction is not expected to collect significant demand. Most likely, available funds and demand will be postponed to the following two auctions that include an FX-denominated bond offering.

Investment implications: Demand is not expected to exceed UAH100m because of the current low primary market interest rates. Moreover, considering the recent FX market volatility, FX-denominated bonds are more attractive and less risky. The 3-month bond offering could be an attempt to attract necessary new short-term financing for the budget, as auctions will not be held for the first two weeks of 2017 because of the New Year holiday.

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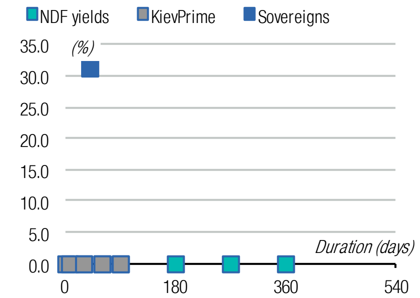
Yield curve of the local bond market
(as of market close on 5 Dec 2016)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 5 Dec 2016)

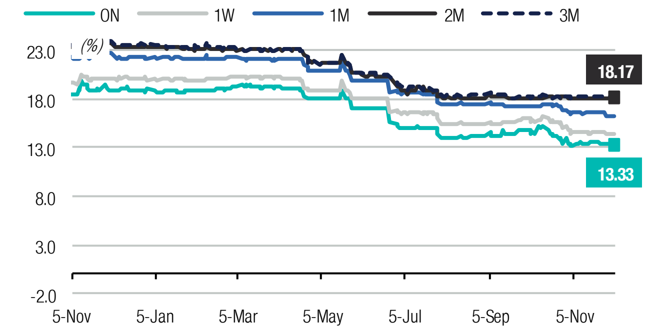
	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	13.33	-9bp	-9bp	+8bp	-573bp
1wk	14.50	+0bp	-17bp	-17bp	-550bp
1m	16.33	+0bp	-34bp	-34bp	-592bp
2m	18.00	+0bp	-17bp	+0bp	-550bp
3m	18.17	+0bp	-16bp	-16bp	-558bp
LIQUIDITY WIDE MEASUREMENT (UAHm)					
CB acc's[1]	41,411	-3.95	-6.56	+14.22	+3.41
CDs[2]	38,255	-25.49	-9.85	-41.12	-67.16
Sovgns[3]	8,472	+0.00	-15.31	-25.12	+79.61
Total	**88,138**	-12.92	-8.84	-18.82	-40.95
HOLDERS OF UAH SOVEREIGN BONDS (UAHm)					
C.bank	359,146	+0.00	-0.42	-1.48	-5.44
Banks	156,913	+0.49	+0.44	+0.15	+92.37
Resid's[4]	13,708	+0.46	-0.93	-0.29	-34.71
Non-res[5]	8,927	+0.88	-12.11	-17.30	-59.98
Total	**538,695**	+0.17	-0.40	-1.29	+6.74
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	720	+0bp	+87bp	+87bp	+0bp
Jun '16	N/A	+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.

Section on Bond market is continued on next page.

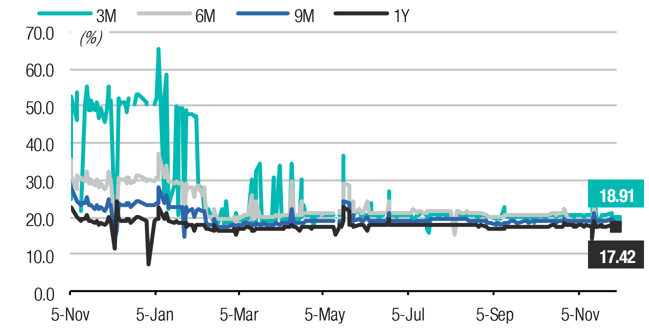
Chart page: Local bond market & Eurobond markets

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



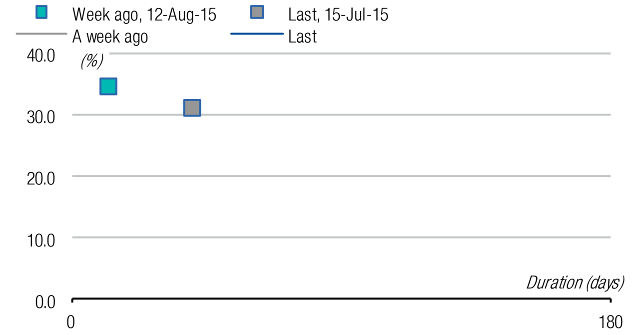
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



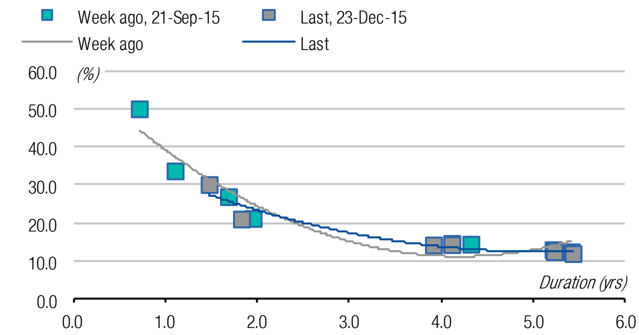
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 5 Dec 2016



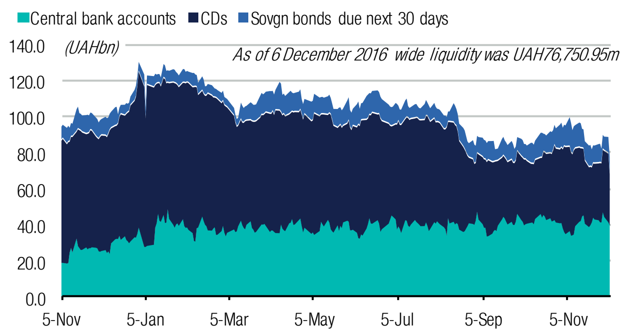
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 5 Dec 2016



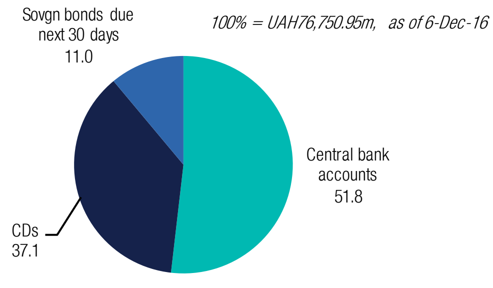
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



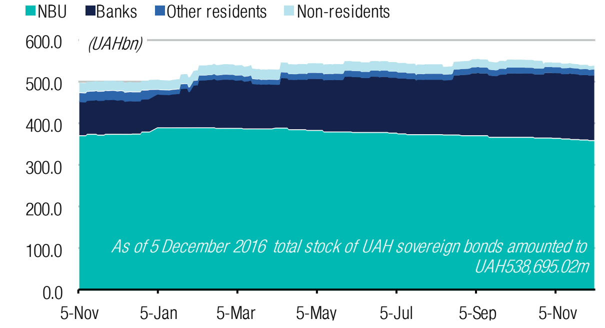
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 5 Dec 2016



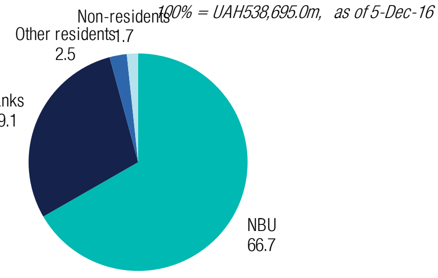
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 5 Dec 2016



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

Table 1. Ukrainian stocks (closing prices as of 5-Dec-2016)

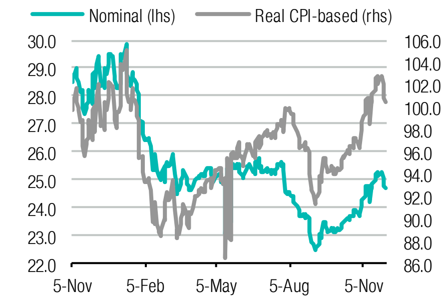
Company	Bloomberg Ticker	Listing	Share price performance (% change)					Valuation (US$)			Free float (FF) & Liquidity						P/E			EV/EBITDA			EV/Sales			Ratios	
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US$m)	Last day turnover (US$ 000)	3M avg. turnover (US$ 000)	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	**9.63 GBp**	+0.0	-8.3	+18.5	+10.0	0.12	28.4	-11.9	40.2	11.4	1.3	10.5	0.01	6,759	Neg.	N/A	N/A	1.3	N/A	N/A	Neg.	N/A	N/A	0.5	17.5
Centrenergo	CEEN UK	Kiev, UX	**10.53 UAH**	+1.4	-2.6	+130.8	+137.3	0.40	149.2	130.9	21.7	32.4	3.9	10.0	0.02	4,308	177.9	5.8	6.4	0.4	3.0	3.3	0.5	0.4	0.3	1.2	3.4
Coal Energy	CLE PW	Warsaw	**1.20 PLN**	+0.0	-6.2	+126.4	+93.5	0.29	12.9	84.9	25.0	3.2	0.2	12.0	0.13	756	Neg.	N/A	N/A	11.7	N/A	N/A	0.8	N/A	N/A	0.5	56.9
Donbasenergo	DOEN UK	Kiev, UX	**10.70 UAH**	-3.0	N/A	N/A	N/A	0.41	9.7	10.7	14.2	1.4	1.0	N/A	N/A	N/A	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	N/A	N/A	0.5	4.2
JKX Oil & Gas	JKX LN	London	**17.25 GBp**	+0.0	+4.5	-36.7	-38.4	0.22	37.8	43.2	47.2	17.8	0.0	4.1	0.02	6,513	Neg.	Neg.	Neg.	Neg.	2.9	N/A	0.5	0.6	0.6	0.2	13.0
Regal Petroleum	RPT LN	London	**3.74 GBp**	+0.0	-0.7	-0.4	-0.4	0.05	15.3	-17.8	80.9	12.4	0.0	1.0	0.01	17,215	Neg.	Neg.	7.6	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	0.2	0.0
Sadova Group	SGR PW	Warsaw	**0.38 PLN**	-2.6	+0.0	+26.7	+26.7	0.09	3.9	45.1	25.0	1.0	0.6	4.4	0.19	536	Neg.	N/A	N/A	Neg.	N/A	N/A	43.5	N/A	N/A	N/A	239.6
Zakhidenergo	ZAEN UK	Kiev, PFTS	**58.50 UAH**	-3.9	N/A	N/A	N/A	2.25	28.7	154.1	5.0	1.4	0.1	N/A	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.3	N/A	N/A	N/A	9.3
METALLURGY																											
Alchevsky Meta...	ALMK UK	Kiev, UX	**0.01 UAH**	+1.2	+3.8	-23.6	-18.1	0.00	8.4	2,375.4	3.9	0.3	0.0	0.1	0.02	4,800	Neg.	Neg.	Neg.	14.5	25.1	22.7	7.9	7.1	7.4	N/A	192.1
Ferrexpo PLC	FXPO LN	London	**142.75 GBp**	+11.3	+41.3	+564.0	+459.8	1.82	1,071.4	1,823.5	22.4	240.0	7,346.7	5,414.7	2.42	41	32.4	6.2	6.2	13.2	5.9	5.8	1.9	2.0	1.9	3.6	73.7
Yasynivsky Cok...	YASK UK	Kiev, UX	**0.23 UAH**	+0.0	+0.0	+0.0	-30.3	0.01	2.4	2.7	9.0	0.2	0.0	0.3	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.1	N/A	N/A	0.1	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	**0.30 EUR**	+3.4	+7.1	-25.0	-28.6	0.32	32.3	80.4	34.0	11.0	16.4	53.3	0.57	177	Neg.	25.0	2.1	4.4	4.6	2.9	1.3	1.1	1.0	0.4	40.7
Agroliga	AGL PW	Warsaw	**14.75 PLN**	+0.1	+1.7	+29.6	+10.0	3.52	5.4	6.6	16.7	0.9	0.7	1.1	0.06	1,630	1.8	N/A	N/A	1.8	N/A	N/A	0.4	N/A	N/A	0.5	10.7
Agroton	AGT PW	Warsaw	**3.06 PLN**	-1.3	-12.6	+203.0	+194.2	0.73	15.8	24.4	26.2	4.1	14.1	67.9	1.44	69	Neg.	2.0	1.8	1.0	1.6	1.2	0.6	0.7	0.6	0.3	32.4
Astarta Holdin...	AST PW	Warsaw	**54.00 PLN**	+1.7	+8.0	+56.5	+65.6	12.88	322.1	489.3	31.0	99.9	29.6	84.7	0.03	3,739	18.8	3.9	3.6	3.8	3.2	3.3	1.5	1.2	1.2	1.0	41.5
Avangard	AVGR LI	London Intl	**0.43 USD**	-9.5	-14.9	-66.0	-73.2	0.43	27.2	366.2	21.7	5.9	1.7	7.9	0.35	289	Neg.	Neg.	0.7	Neg.	Neg.	10.5	1.6	2.8	2.2	N/A	53.9
IMC	IMC PW	Warsaw	**7.45 PLN**	+3.5	+4.9	+24.8	+18.3	1.78	55.6	130.1	23.9	13.3	22.0	22.2	0.05	2,135	3.7	2.8	2.2	2.0	2.3	2.7	0.9	1.0	0.9	0.9	56.8
Kernel Holding...	KER PW	Warsaw	**65.80 PLN**	+0.8	+9.8	+36.8	+38.5	15.70	1,250.9	1,535.6	58.8	735.2	2,496.5	1,212.9	0.15	663	5.6	2.2	5.5	4.4	4.1	4.2	0.8	0.6	0.6	1.3	22.7
KSG Agro	KSG PW	Warsaw	**2.01 PLN**	-1.5	-6.5	+116.1	+107.2	0.48	7.2	70.5	34.4	2.5	4.1	16.0	1.09	92	Neg.	N/A	N/A	7.0	N/A	N/A	2.2	N/A	N/A	N/A	67.4
MHP	MHPC LI	London Intl	**9.05 USD**	+0.7	-0.2	-2.7	-5.2	9.05	956.3	2,142.1	22.3	213.4	245.4	267.4	0.10	996	Neg.	6.9	4.7	4.7	5.3	5.0	1.8	1.8	1.6	1.3	61.6
Milkiland	MLK PW	Warsaw	**1.76 PLN**	+1.1	-7.4	+23.9	+11.4	0.42	13.1	124.7	20.0	2.6	3.2	14.0	0.44	227	Neg.	Neg.	Neg.	Neg.	15.5	8.4	0.6	0.7	0.6	0.4	57.6
Ovostar Union	OVO PW	Warsaw	**88.99 PLN**	+1.7	-2.2	-1.7	+0.0	21.23	127.4	141.0	25.0	31.8	0.4	19.1	0.00	25,336	4.1	4.5	4.1	4.1	4.1	3.7	1.8	1.7	1.4	1.7	16.9
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	**0.01 EUR**	+0.0	+0.0	-85.7	-33.3	0.01	0.6	55.6	13.1	0.1	0.0	0.0	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	6.2	N/A	N/A	0.0	44.0
FINANCIAL SERVICES																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	**0.13 UAH**	+0.9	+0.2	+74.5	+64.9	0.01	310.2	N/A	3.8	11.8	0.7	6.7	0.07	1,494	Neg.	3.7	6.2	N/A	N/A	N/A	N/A	N/A	N/A	1.2	14.4
Ukrsotsbank	USCB UK	Kiev, UX	**0.07 UAH**	+0.0	-18.8	-27.6	-23.9	0.00	454.1	N/A	4.5	20.3	0.0	0.4	0.00	30,246	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4	24.3

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 6 Dec 2016)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 5 Dec 2016)

	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	26.0050	+0.02	+1.48	+1.68	+8.23
NBU avg	26.1275	+0.88	+1.82	+2.16	+9.82
Ttl vlm[1]	130.58	-29.10	+9.75	-23.97	-64.05
$ volume[2]	111.43	-30.07	+16.20	-15.09	-55.61
NDF 3M	27.2750	+0.37	+1.25	+1.62	+0.00
NDF 6M	28.3790	+0.42	+1.61	+2.09	+3.09
NDF 1Y	30.1315	+0.32	+1.48	+1.71	+18.18
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	24.684	-0.33	-2.00	+1.94	-13.02
UAH real CPI	100.471	-0.33	-2.00	+1.94	+2.23
UAH real PPI	132.668	-0.33	-2.00	+1.94	+0.67
USD nom'l	100.090	-0.67	-1.22	+3.12	+1.48
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	63.8160	+0.03	-1.63	-0.98	-12.00
EUR/USD	1.0764	+0.94	+1.41	-3.38	-0.90
USD/CNY	6.8815	+0.02	-0.49	+1.85	+5.97
USD/PLN	4.1795	-0.57	+0.31	+7.58	+6.54
USD/TRY	3.5243	+0.09	+3.19	+11.64	+20.81
USD/BYR	19,650.00	-0.17	-0.07	+3.20	+5.49
USD/KZT	335.1700	-0.77	-1.50	-0.97	-1.59
OTHER MAJOR CURRENCIES					
USD/JPY	113.8500	+0.30	+1.71	+10.41	-5.30
GBP/USD	1.2732	+0.02	+2.55	+1.72	-13.60
USD/CHF	1.0064	-0.46	-0.62	+3.92	+0.43
AUD/USD	0.7472	+0.20	-0.13	-2.62	+2.55
USD/CAD	1.3271	-0.16	-1.05	-0.99	-4.10
USD/BRL	3.4230	-1.55	+1.04	+5.77	-13.58
USD/KRW	1,174.69	+0.18	+0.38	+2.73	-0.03
COMMIDITIES					
Gold($/oz)	1,170.37	-0.58	-1.98	-10.29	+10.26
WTI crude[3]	51.79	+0.21	+10.00	+15.99	+39.82
Brent crd[3]	54.94	+0.88	+11.64	+18.02	+53.68
Urals crd[3]	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB[4]	193.48	+0.93	+3.04	+6.01	+9.84

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.

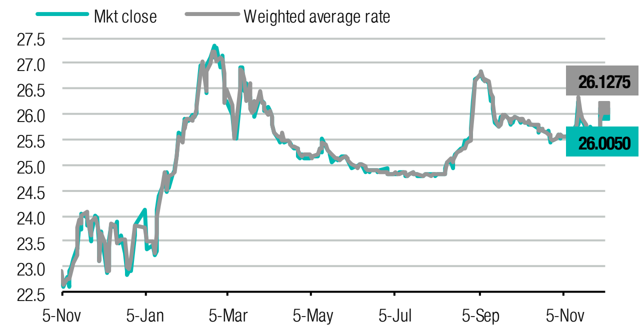
Sources: Bloomberg, Investment Capital Ukraine LLC.

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>).

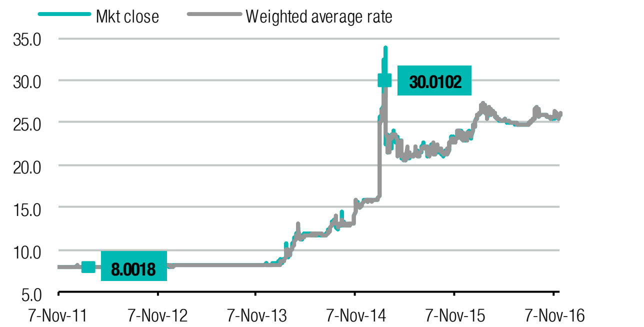
Section on FX market is continued on next page.

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)

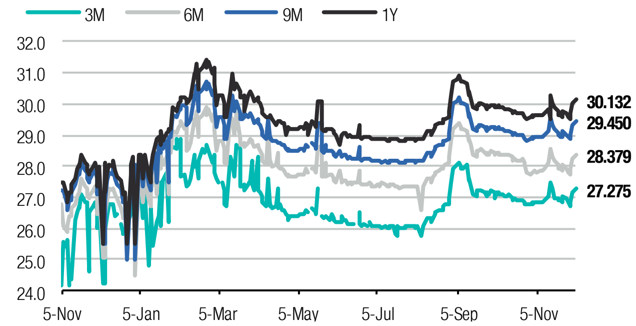


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

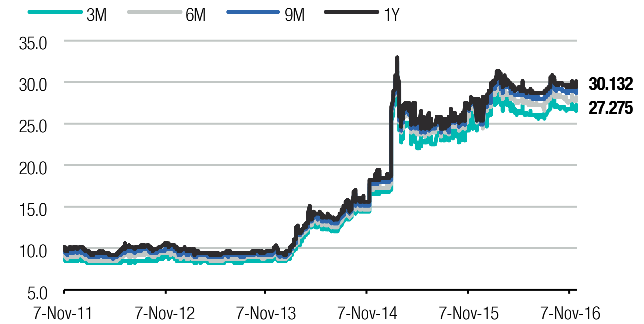


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

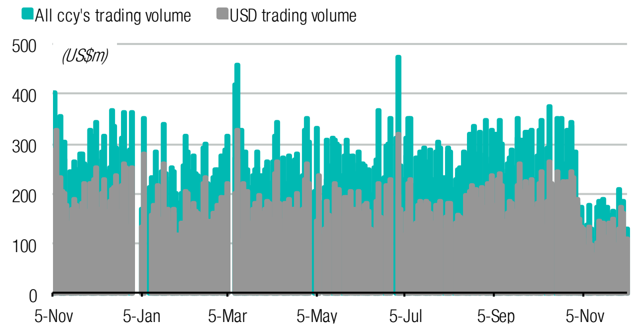


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

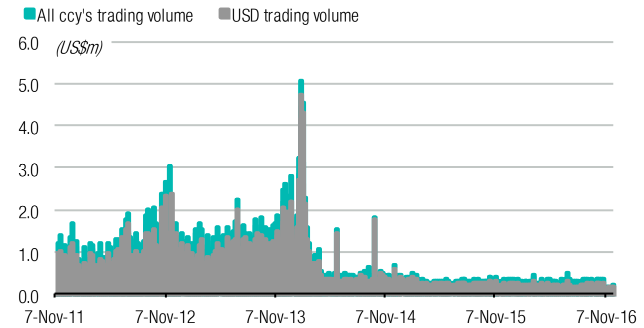


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

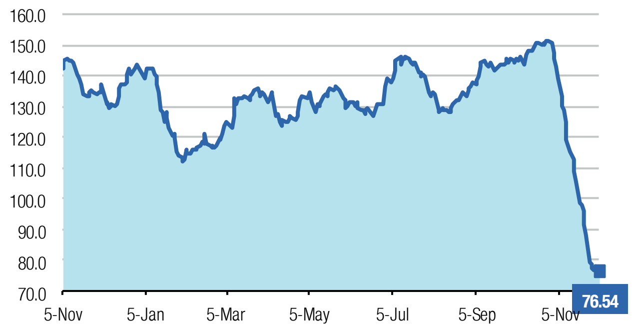


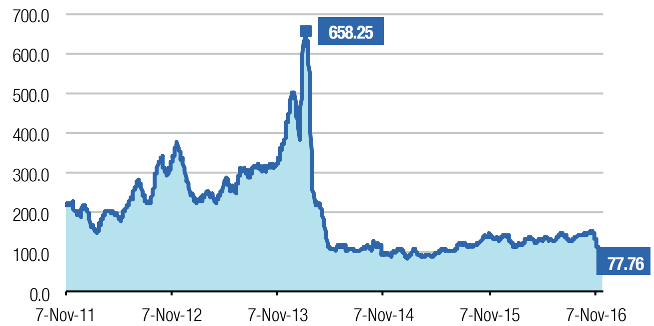
Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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)



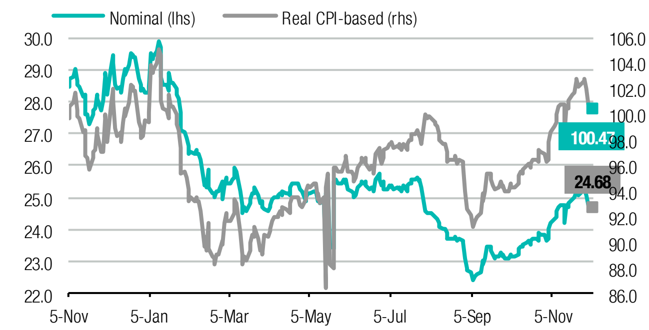


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

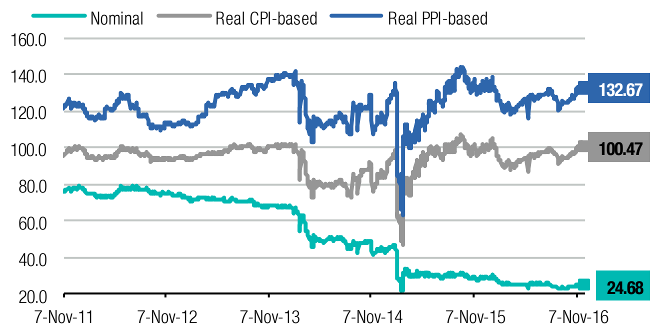
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology (for more details visit http://www.icu.ua/en/research/currency-indices).

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



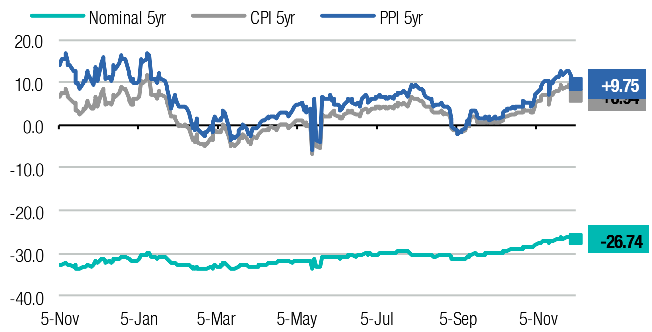
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

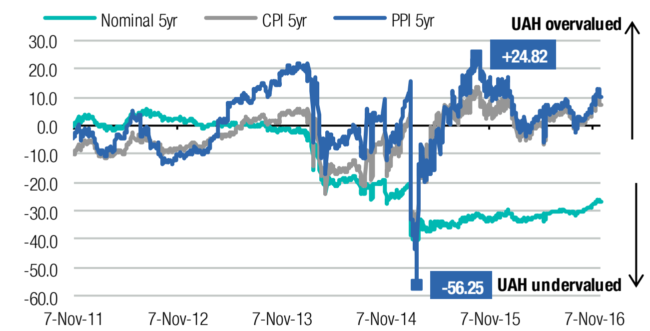


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

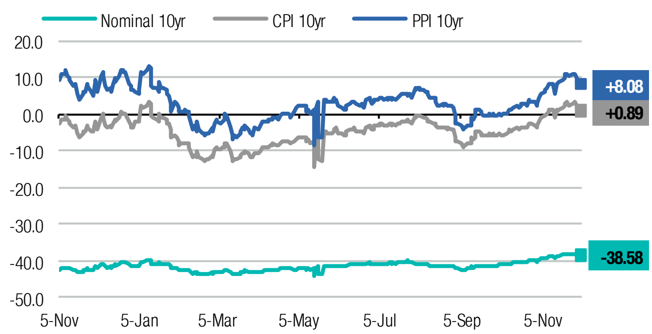


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

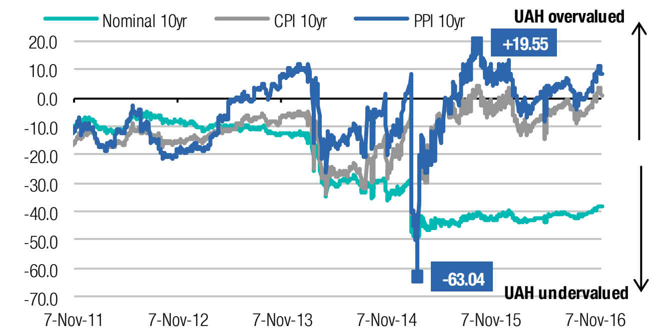


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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.

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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.

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

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