



Focus
Ukraine

Scope
Economics, bonds, equity & FX markets

Research team
**Alexander Valchyshen
Taras Kotovych**

Daily Insight

Liquidity rises above UAH60.0bn

Contents

Bonds: News & Comments	2
Liquidity rises above UAH60.0bn.....	2
Chart page: Local bond market & Eurobond markets.....	3
FX: News & Comments	6
Hryvnia trades sideways.....	6
Chart page #1: Foreign-exchange market.....	7
Chart page #2: ICU's UAH trade-weighted indices.....	8

WEDNESDAY, 22 APRIL 2015

UX Index (3 months to 22 Apr 2015)



Source: UX.

Key market indicators (as of 21 Apr 2015)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	22.7500	-0.44	+43.81
USD/UAH (1Y NDF)	26.9000	+0.00	+45.80
EUR/USD	1.0736	-0.02	-11.26
USD/RUB	53.6975	+0.59	-11.59
KievPRIME O/N (%)	22.40	-10bp	+350bp
KievPRIME 1M (%)	28.00	+0bp	+810bp
SOVEREIGN EUROBONDS: yields and spreads			
Ukraine 15, Eurobond (%)	235.86	-1,992bp	+17,409bp
Ukraine 17, Eurobond (%)	52.63	-422bp	+2,487bp
Ukraine 22, Eurobond (%)	23.63	-104bp	+738bp
Ukraine 23, Eurobond (%)	21.68	-81bp	+611bp
Ukraine 5Y CDS	4,011bp	-220bp	+1,811bp
EQUITIES			
Stock market indices			
UX (Ukraine)	1,007.11	-0.45	-2.53
MSCI World	436.82	+0.23	+4.72
MSCI EM	1,042.21	+0.82	+8.98
RTS (Russia)	1,007.69	+1.20	+28.02
WIG-20 (Poland)	2,509.50	+0.17	+8.36
S&P 500 (USA)	2,097.29	-0.15	+1.86

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 above UAH60.0bn

Broader banking sector liquidity rose UAH2.34bn to UAH61.65bn yesterday, setting this month's record high. The NBU continued to absorb extra liquidity as it increased total CDs outstanding by UAH1.27bn to UAH23.27bn. Banks' correspondent accounts with the NBU slid UAH0.20bn to UAH27.37bn and total local currency debt repayments scheduled for the next 30 days rose UAH1.26bn to UAH11.01bn.

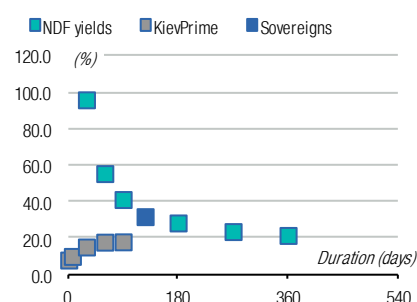
KyivPrime interest rates slightly diverged: the KyivPrime ON interest rate slid 10bp to 22.40% while the KyivPrime 1M interest rate remained steady at 28.00%.

Investment implications: Liquidity continued to increase yesterday with no support from the NBU. Recent changes in the NBU's portfolio have been the result most likely to volatility of the UAH/USD exchange rate as the NBU has neither issued loans nor purchased new bonds since last Wednesday. Yesterday, although banks had to repay UAH0.42bn of loans to the NBU, liquidity should not decline significantly as month-end tax payments most likely will be paid next week. Although the MoF is scheduled to repay UAH1.52bn in local currency denominated debt repayments today, a large portion of these repayments should be received by the NBU. US\$326.50m of FX-denominated bond redemptions and interest could have an impact on liquidity if the FX is sold to the NBU.

Taras Kotovych, Kiev, +38044 2200120 ext.724

Yield curve of the local bond market

(as of market close on 21 Apr 2015)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 21 Apr 2015)

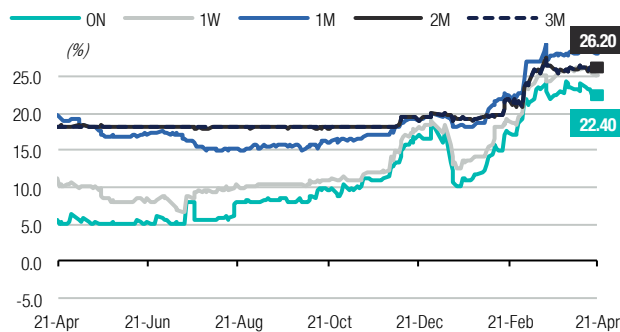
	Last	Daily	Weekly	MoM	YTD
		chg (%)	chg (%)	chg (%)	chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	22.40	-10bp	-110bp	+40bp	+350bp
1wk	25.20	+0bp	-93bp	+89bp	+620bp
1m	28.00	+0bp	-63bp	+12bp	+810bp
2m	26.20	+0bp	-5bp	-30bp	+620bp
3m	26.20	+0bp	-5bp	-5bp	+620bp
LIQUIDITY WIDE MEASUREMENT (UAHm)					
CB acc's ¹	N/A	N/A	N/A	N/A	N/A
CDs ²	N/A	N/A	N/A	N/A	N/A
Sovgns ³	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A
HOLDERS OF UAH SOVEREIGN BONDS (UAHm)					
C.bank	340,524	+0.03	+0.43	-0.59	+7.04
Banks	100,429	+2.82	-2.23	-5.06	+7.49
Resid's ⁴	30,706	+0.66	-0.03	+30.05	+25.08
Non-res ⁵	26,012	+4.71	-2.30	-4.10	+20.74
Total	497,671	+0.86	-0.29	-0.28	+8.74
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	4,011	-220bp	-141bp	-463bp	+18bp
Jun '16	91.39	-634bp	-263bp	-16ppt	+54bp
Jul '17	52.63	-422bp	-226bp	-681bp	+25bp
Sep '20	28.09	-130bp	-59bp	-432bp	+925bp
Sep '21	27.30	-125bp	-26bp	-416bp	+877bp
Sep '22	23.63	-104bp	-3bp	-368bp	+738bp
Feb '23	21.68	-81bp	-80bp	-281bp	+611bp

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.

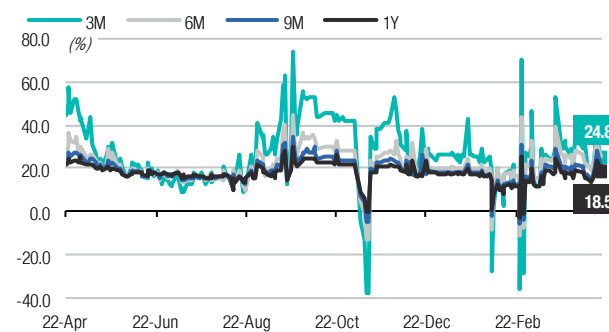
Chart page: Local bond market & Eurobond markets

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



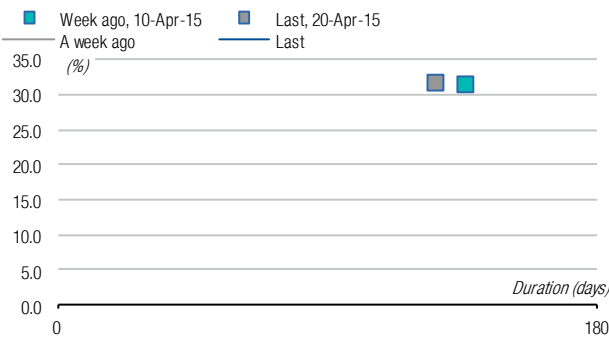
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



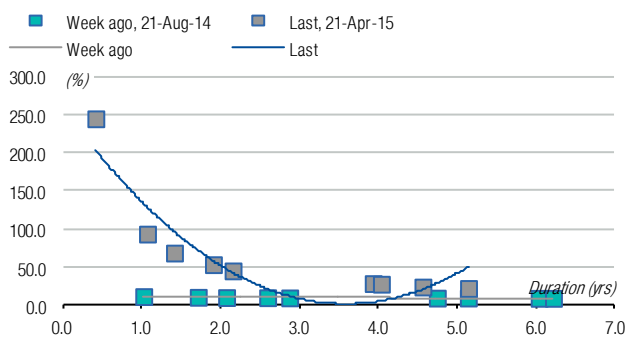
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 3. UAH sovereign yield curve (%) as of 21 Apr 2015



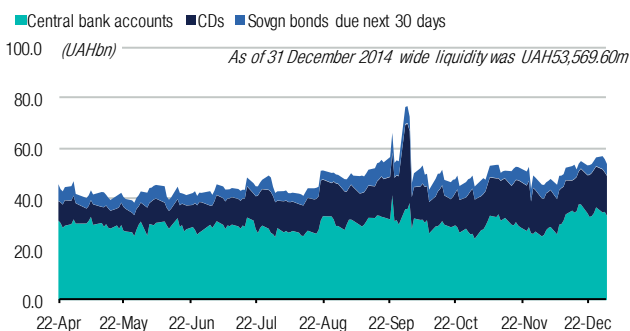
Sources: Bloomberg, Investment Capital Ukraine LLC.

Chart 4. USD sovereign yield curve (%) as of 21 Apr 2015



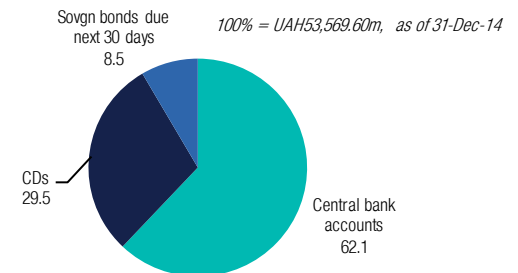
Sources: Bloomberg, Investment Capital Ukraine LLC.

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



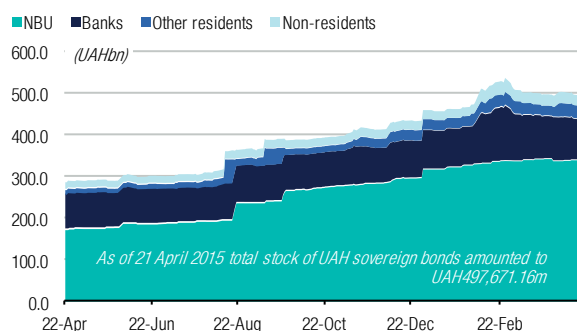
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

Chart 6. Breakdown of liquidity pool (%) as of 21 Apr 2015



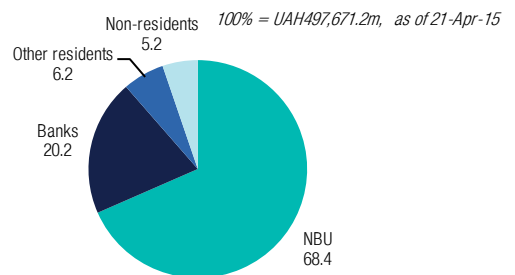
Sources: National Bank of Ukraine, Ministry of Finance of Ukraine, ICU.

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 21 Apr 2015



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

Table 1. Ukrainian stocks (closing prices as of 21-Apr-2015)

Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/Assets (%)
ENERGY																											
Cadogan Petrol...	CAD LN	London	8.50 GBP	+0.0	-1.4	-15.0	-12.8	0.13	29.3	-18.3	40.2	11.8	0.0	7.5	0.02	6,564	Neg.	N/A	N/A	2.7	N/A	N/A	Neg.	N/A	N/A	0.2	0.0
Centrenergo	CEEN UK	Kiev, UX	7.97 UAH	-0.2	-0.9	+5.7	+33.1	0.36	131.3	122.9	21.7	28.5	14.4	32.1	0.07	1,534	6.0	60.7	Neg.	0.2	6.6	Neg.	0.4	0.2	0.3	1.1	16.3
Coal Energy	CLE PW	Warsaw	0.61 PLN	-1.6	-9.0	-1.6	-56.4	0.16	7.4	84.4	25.0	1.8	0.8	5.0	0.13	743	Neg.	N/A	N/A	11.6	N/A	N/A	0.8	N/A	N/A	0.3	56.9
Donbasenergo	DOEN UK	Kiev, UX	22.12 UAH	-1.5	+0.1	-33.0	-51.8	0.99	23.3	58.7	14.2	3.3	44.4	5.4	0.13	765	1.0	0.9	Neg.	0.1	1.2	17.3	0.2	0.1	0.3	0.8	25.1
JXK Oil & Gas	JXK LN	London	29.00 GBP	-1.7	-12.1	+141.7	-49.6	0.43	74.6	85.1	47.2	35.2	15.4	365.2	0.16	619	Neg.	96.9	Neg.	Neg.	1.5	N/A	0.6	0.6	1.1	0.3	9.9
Regal Petroleum	RPT LN	London	4.77 GBP	+0.0	+16.3	+52.6	-53.5	0.07	22.8	-7.3	80.9	18.5	0.1	2.0	0.01	15,596	Neg.	11.4	7.6	Neg.	Neg.	Neg.	Neg.	Neg.	0.2	0.0	
Sadova Group	SGR PW	Warsaw	0.31 PLN	+3.3	+10.7	-60.8	-63.5	0.08	3.6	43.5	25.0	0.9	1.4	4.8	1.19	84	Neg.	N/A	N/A	Neg.	N/A	N/A	21.2	N/A	N/A	0.2	54.9
Zakhidenergo	ZAEN UK	Kiev, PFTS	150.00 UAH	+0.0	-16.2	+1.3	+13.6	6.69	85.5	94.1	5.0	4.3	0.0	1.0	0.02	5,498	3.3	N/A	N/A	0.6	N/A	N/A	0.2	N/A	N/A	1.3	0.0
METALLURGY																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	-0.8	+2.2	-9.7	-61.7	0.00	15.1	1,292.0	3.9	0.6	1.3	0.4	0.06	1,773	Neg.	Neg.	N/A	Neg.	Neg.	N/A	1.9	4.4	N/A	N/A	85.7
Avdiyivsky Cok...	AVDK UK	Kiev, UX	1.35 UAH	-2.3	-6.8	-22.2	-56.5	0.06	11.7	-16.2	4.0	0.5	0.9	1.3	0.29	342	Neg.	Neg.	Neg.	Neg.	0.3	0.3	Neg.	Neg.	Neg.	0.1	0.1
Azovstal	AZST UK	Kiev, UX	0.78 UAH	-1.3	+0.5	+5.2	+12.0	0.03	146.9	122.1	4.1	6.0	23.2	7.1	0.07	1,340	Neg.	1.8	2.8	Neg.	0.8	1.1	0.1	0.1	0.1	0.3	0.0
Ferrexpo PLC	FXPO LN	London	66.75 GBP	-2.9	+16.1	+36.5	-53.3	1.00	586.8	1,273.1	22.4	131.5	663.8	1,108.5	0.69	145	3.3	9.4	9.4	3.1	5.3	5.5	0.9	1.2	1.1	0.9	61.1
Yasynivsky Cok...	YASK UK	Kiev, UX	0.30 UAH	+0.0	-14.0	+7.1	-60.0	0.01	3.7	4.1	9.0	0.3	0.0	0.1	0.01	16,148	Neg.	Neg.	9.1	0.0	Neg.	Neg.	0.0	0.0	0.0	0.1	0.0
Yenakievo Steel	ENMZ UK	Kiev, UX	16.77 UAH	-3.6	-1.4	-20.0	-51.7	0.75	7.9	2.0	9.4	0.7	3.1	2.1	0.10	992	Neg.	Neg.	Neg.	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	0.46 EUR	-6.1	+2.2	+7.0	-57.0	0.49	45.6	92.0	34.0	15.5	7.9	52.5	0.11	950	Neg.	N/A	N/A	Neg.	N/A	N/A	1.6	N/A	N/A	1.0	35.9
Agroliga	AGL PW	Warsaw	8.70 PLN	+0.0	+0.6	-3.3	-51.5	2.34	3.6	4.3	16.7	0.6	0.2	1.9	0.23	433	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	1.12 PLN	-2.6	-9.7	-8.9	-56.1	0.30	6.5	51.8	26.2	1.7	15.1	23.1	1.07	93	Neg.	N/A	N/A	19.4	17.3	N/A	0.6	0.6	N/A	0.1	28.4
Astarta Holdin...	AST PW	Warsaw	23.99 PLN	+0.0	+2.2	+20.0	-41.3	6.46	161.5	391.2	31.0	50.1	6.1	115.5	0.45	221	Neg.	Neg.	3.5	5.2	4.0	4.4	1.0	1.0	1.0	0.6	38.2
Avangard	AVGR LI	London Intl	2.25 USD	-10.0	-26.1	+9.8	-76.3	2.25	143.7	397.0	21.7	31.2	40.8	50.2	0.15	684	Neg.	1.9	1.3	3.1	3.2	2.8	0.9	0.9	0.8	0.2	33.1
IMC	IMC PW	Warsaw	5.50 PLN	-3.3	+4.8	-3.0	-36.9	1.48	46.4	185.6	23.9	11.1	0.3	3.2	0.01	9,545	Neg.	5.7	1.4	3.4	3.7	3.2	1.3	1.1	0.9	0.3	38.7
Kernel Holding...	KER PW	Warsaw	37.73 PLN	-1.4	-3.0	+32.6	+25.6	10.16	809.8	1,537.2	58.8	475.9	565.9	1,621.5	0.18	556	Neg.	5.8	5.4	6.9	4.6	4.6	0.6	0.7	0.6	0.8	39.1
KSG Agro	KSG PW	Warsaw	0.83 PLN	-5.7	-20.2	-25.9	-83.9	0.22	3.4	85.1	34.4	1.2	4.9	8.8	0.43	232	Neg.	N/A	0.2	9.8	N/A	N/A	1.1	0.9	0.8	0.3	44.5
MHP	MHPC LI	London Intl	10.90 USD	-0.9	+22.5	+18.5	-7.6	10.90	1,151.8	2,282.2	22.3	257.1	32.0	783.9	0.31	326	7.4	165.2	4.7	5.8	4.4	4.5	1.5	1.6	1.7	2.3	47.0
Milkiland	MLK PW	Warsaw	2.78 PLN	+0.0	-1.8	+87.8	-62.0	0.75	23.4	131.4	20.0	4.7	17.8	55.7	0.71	140	2.0	Neg.	Neg.	4.0	4.1	4.4	0.4	0.4	0.5	0.1	30.8
Mriya Agrohold...	MAYA GF	Frankfurt	0.25 EUR	-21.9	-41.7	-55.5	-94.5	0.27	28.5	756.3	20.0	5.7	0.0	0.4	0.01	6,762	0.3	0.3	0.1	4.6	N/A	N/A	1.5	1.8	1.7	0.1	45.3
Ovostar Union	OVO PW	Warsaw	71.50 PLN	-2.1	+2.9	-0.7	+2.1	19.26	115.5	124.9	25.0	28.9	4.3	43.6	0.22	448	4.6	5.6	6.0	4.3	4.8	4.1	1.6	1.5	1.3	1.4	9.4
TRANSPORTATION																											
KDM Shipping	KDM PW	Warsaw	4.17 PLN	-19.2	-20.3	+3.0	-68.5	1.12	10.4	-2.0	10.9	1.1	0.1	0.2	0.02	5,141	1.5	N/A	N/A	Neg.	N/A	N/A	Neg.	N/A	N/A	0.2	5.6
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	0.04 EUR	-18.4	-46.7	-50.0	-76.5	0.04	2.2	129.4	13.1	0.3	0.0	0.1	0.15	669	Neg.	N/A	N/A	Neg.	N/A	N/A	3.8	N/A	N/A	0.0	45.5
FINANCIAL SERVICES																											

Table 1. Ukrainian stocks (closing prices as of 21-Apr-2015)

Company	Bloomberg Ticker	Listing	Share price performance (% change)				Valuation (US\$)			Free float (FF) & Liquidity					P/E			EV/EBITDA			EV/Sales			Ratios			
			Last price	Daily	MoM	YTD	YoY	Last price	Market cap (m)	EV (m)	FF (%)	FF mkt cap (US\$m)	Last day turnover (US\$ 000)	3M avg. turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B	Debt/Assets (x)
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.10 UAH	+1.7	-1.2	+2.6	-45.4	0.00	131.6	N/A	3.8	5.0	6.9	11.2	0.20	503	2.9	Neg.	Neg.	N/A	N/A	N/A	N/A	N/A	N/A	0.5	22.4
Ukrsotsbank	USCB UK	Kiev, UX	0.11 UAH	+0.0	+1.3	-15.6	-27.8	0.00	120.9	N/A	4.5	5.4	0.0	0.4	0.00	24,526	Neg.	6.1	6.4	N/A	N/A	N/A	N/A	N/A	N/A	0.2	28.2

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

FX: News & Comments

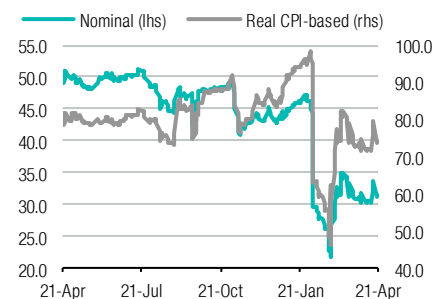
Hryvnia trades sideways

After devaluing nearly 10% from 21/USD to 23/USD the previous day, the hryvnia traded sideways yesterday, following the paths of the euro, the Russian ruble, and other international currencies. The US dollar's trade-weighted index rose 0.06% (Bloomberg: DXY) and the hryvnia's trade-weighted valued closed up 0.58%.

Alexander Valchyshen, Kiev, +38044 2200120 ext.242

ICU's UAH trade-weighted indices

(Last 12-month history to 22 Apr 2015)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 21 Apr 2015)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	22.7500	-0.44	-2.78	+3.64	+43.81
NBU avg	22.2762	+0.10	-2.84	-3.94	+41.27
Ttl vlm ¹	316.03	+67.02	+38.60	+24.84	-26.66
\$ volume ²	256.26	+95.54	+66.23	+56.99	-27.67
NDF 3M	24.2500	+0.00	-1.14	-2.38	+43.92
NDF 6M	25.7000	+0.00	-0.70	-1.87	+47.70
NDF 1Y	26.9000	+0.00	+0.07	-1.07	+45.80
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	31.323	+0.58	+3.90	-6.06	-29.56
UAH real CPI	73.992	+0.58	+3.90	-6.06	-14.63
UAH real PPI	91.776	+0.58	+3.90	-6.06	-22.07
USD nom'l	98.004	+0.06	-0.74	+0.10	+8.57
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	53.6975	+0.59	+5.40	-9.44	-11.59
EUR/USD	1.0736	-0.02	+0.76	-0.79	-11.26
USD/CNY	6.2017	+0.00	-0.16	-0.05	-0.06
USD/PLN	3.7144	-0.05	-1.43	-2.72	+4.82
USD/TRY	2.6853	-0.51	-0.12	+4.32	+15.00
USD/BYR	14,250.00	+0.00	-1.38	-4.36	+29.55
USD/KZT	185.8200	-0.08	-0.03	+0.11	+1.90
OTHER MAJOR CURRENCIES					
USD/JPY	119.6700	+0.41	+0.23	-0.31	-0.09
GBP/USD	1.4926	+0.13	+0.97	-0.15	-4.18
USD/CHF	0.9550	-0.13	-1.78	-2.07	-3.95
AUD/USD	0.7711	-0.18	+1.11	-0.82	-5.68
USD/CAD	1.2280	+0.45	-1.64	-2.17	+5.67
USD/BRL	N/A	N/A	N/A	N/A	N/A
USD/KRW	1,083.32	+0.38	-0.99	-3.52	-0.70
COMMODITIES					
Gold(\$/oz)	1,202.34	+0.54	+0.80	+1.67	+1.48
WTI crude ³	55.26	-1.99	+3.70	+20.87	+3.74
Brent crd ³	59.32	-3.04	+3.00	+11.52	+6.38
Urals crd ³	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB ⁴	221.04	-0.75	+0.91	+3.24	-3.88

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.

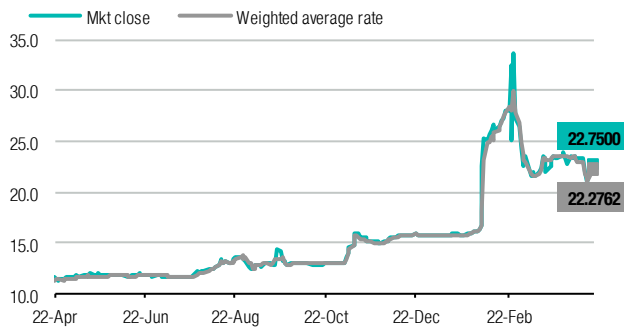
Sources: Bloomberg, Investment Capital Ukraine LLC.

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>).

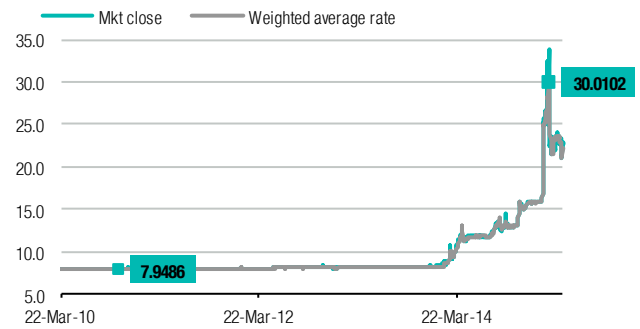
Section on FX market is continued on next page.

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)

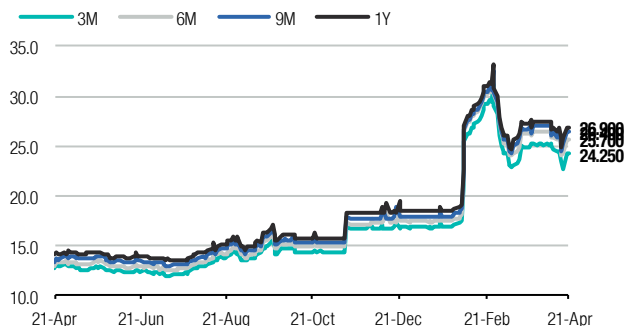


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

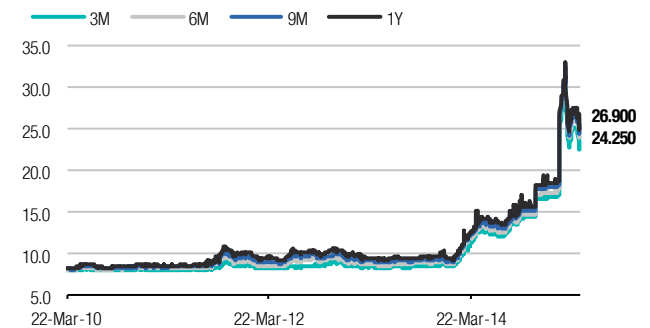


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

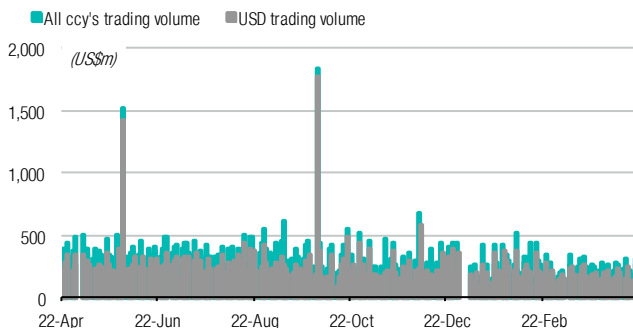


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

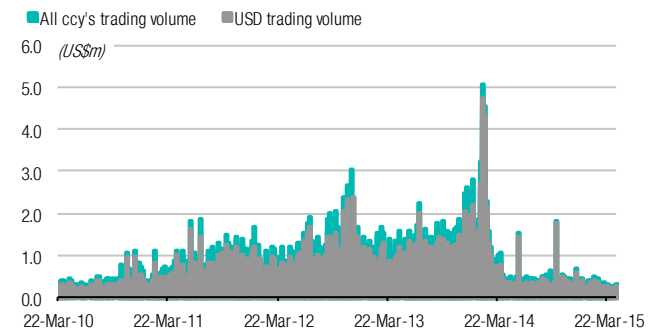


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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)

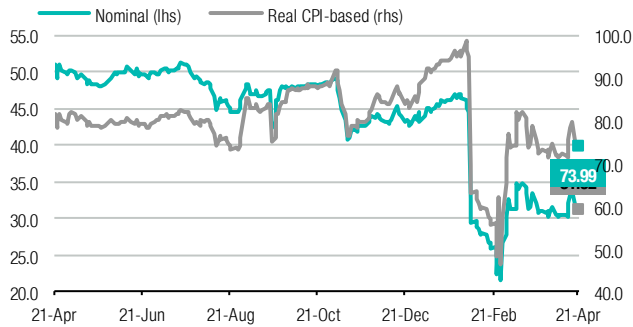


Note: * 30-day moving average; The boxes of the right chart show high and low values. Sources: NBU, State Statistics Service of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

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

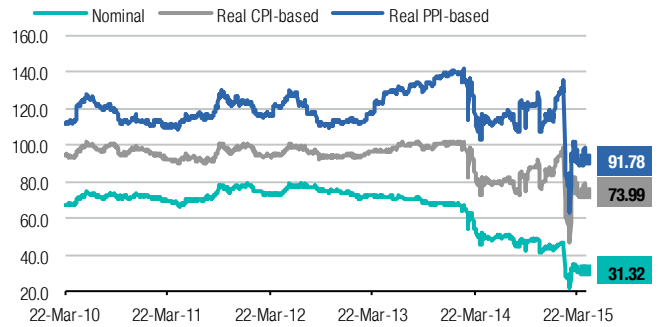
The following charts depict ICU's Ukrainian hryvnia trade-weighted indices which were calculated in accordance with methodology published in the [Quarterly Report "Keep the music playing"](#) dated 31 January 2013 and, then, updated, in the [Quarterly Report "Muddling through no more"](#) dated 14 August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

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



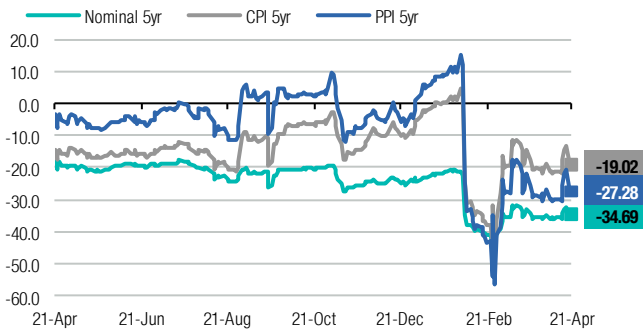
Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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

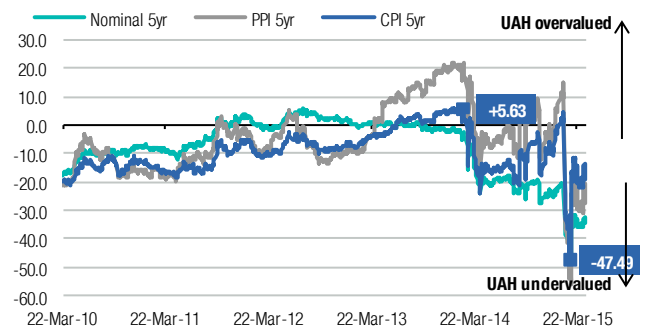


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

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)

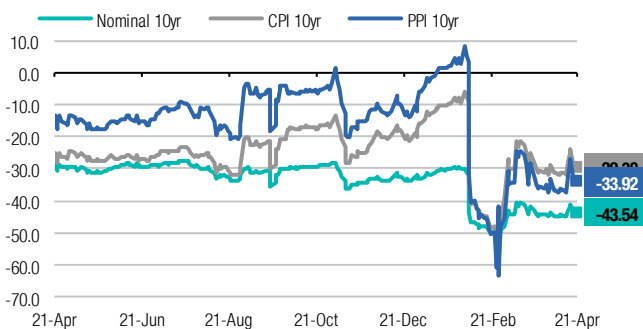


Note: The boxes indicate the last values of the depicted indicators.
Source: Investment Capital Ukraine LLC.

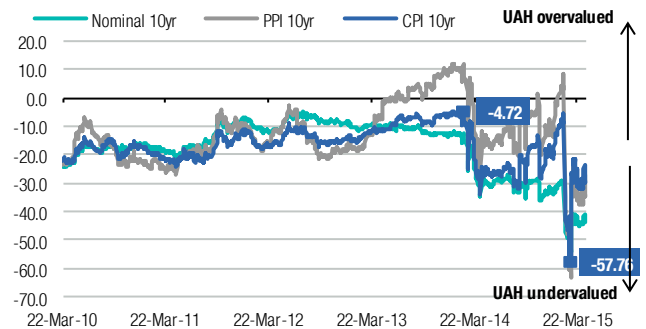


Note: the boxes indicate the high and low values of CPI-based TWI.
Source: Investment Capital Ukraine LLC.

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 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.