



Focus
Ukraine

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

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Daily Insight

MoF updates status of debt restructuring

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MONDAY, 20 APRIL 2015

UX Index (3 months to 20 Apr 2015)



Source: UX.

Key market indicators (as of 17 Apr 2015)

	Last	Daily chg (%)	YTD chg (%)
FX & MONEY RATES			
USD/UAH	20.9500	-0.52	+32.43
USD/UAH (1Y NDF)	25.7830	+3.45	+39.75
EUR/USD	1.0806	+1.13	-10.68
USD/RUB	51.9640	+5.07	-14.44
KievPRIME O/N (%)	22.50	-75bp	+360bp
KievPRIME 1M (%)	28.38	+0bp	+848bp

SOVEREIGN EUROBONDS: yields and spreads

Ukraine 15, Eurobond (%)	246.74	+143bp	+18,498bp
Ukraine 17, Eurobond (%)	55.10	+5bp	+2,734bp
Ukraine 22, Eurobond (%)	23.69	+0bp	+744bp
Ukraine 23, Eurobond (%)	22.48	+0bp	+692bp
Ukraine 5Y CDS	3,845bp	-146bp	+1,646bp

EQUITIES

Stock market indices			
UX (Ukraine)	1,014.95	-0.71	-1.78
MSCI World	434.01	-0.98	+4.05
MSCI EM	1,042.68	-0.91	+9.03
RTS (Russia)	998.96	-5.90	+26.91
WIG-20 (Poland)	2,463.96	-1.59	+6.39
S&P 500 (USA)	2,081.18	-1.13	+1.08

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

MoF updates current status of debt restructuring

In a presentation of the MoF's update of the current situation of the debt deal to investors and financial analysts in Washington, DC, as required by the EFF program, Ukraine Finance Minister Natalie Jaresko reiterated the three main targets: a US\$15.3bn decrease of debt repayments over the next four years, lower the debt-to-GDP ratio to 71% by 2020, and maintain the gross financing need at or below 10% of GDP. Moreover, Ukreximbank must restructure its debt to meet the IMF's first target, which is to decrease debt repayments in 2015-2018. The primary concern of investors, however, was whether the Russian Eurobond would be included in the restructuring.

Investment implications: According to Ukraine Finance Minister Natalie Jaresko, all debt holders (as listed in clearing systems) were sent proxies to participate the debt restructuring negotiations and the MoF is waiting to hear from any other bondholders before they begin discussions. Currently, the MoF has not yet held official talks with investors, especially in regard to the Russian bond, as they have not yet identified themselves, a situation which prevents negotiations. The MoF intends to begin official negotiations to conclude an agreement by the time the EFF is up for revision in June.

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Ukreximbank assures no haircut on its 2015 Eurobond and full payment of its coupon

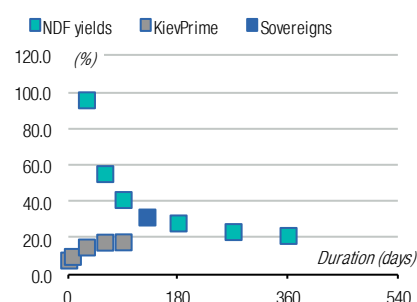
In regard to the current status of the debt restructuring for Ukraine's bondholders, Ukrainian Minister of Finance Mrs. N. Yaresko and Ukreximbank's Chairman Mr. O. Hrytsenko have confirmed that there will be no haircut, the coupon will be set at the current level, and the US\$31.4m coupon payment will be paid to bondholders if the resolution for the three month extension passes on April 27.

The quorum to adjourn the meeting was lowered from 2/3 to 1/3 with a required 75% of those present at the meeting to vote in favor for the resolution to pass. Should this occur, Ukreximbank will try to negotiate a 10-year extension that will enable Ukraine to meet the IMF program's first target of its balance of payments objective.

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Yield curve of the local bond market

(as of market close on 17 Apr 2015)



Sources: Bloomberg, Investment Capital Ukraine LLC.

Bond market indicators (as of 17 Apr 2015)

	Last	Daily chg (%)	Weekly chg (%)	MoM chg (%)	YTD chg (%)
MONEY MARKET KIEV PRIME RATES (%)					
O/n	22.50	-75bp	-150bp	-150bp	+360bp
1wk	25.25	-38bp	-75bp	+25bp	+625bp
1m	28.38	+0bp	+0bp	-87bp	+848bp
2m	26.25	+0bp	+0bp	-125bp	+625bp
3m	26.25	+0bp	+0bp	-100bp	+625bp
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	340,453	-0.01	+0.39	-0.13	+7.02
Banks	98,559	-0.80	-5.32	-8.75	+5.49
Resid's ⁴	30,575	-0.08	-0.49	+16.36	+24.54
Non-res ⁵	25,222	-1.29	-7.16	-2.16	+17.07
Total	494,809	-0.24	-1.26	-1.23	+8.12
NDF IMPLIED YIELDS (%)					
3m	33.43	-11ppt	+11bp	+962bp	+708bp
6m	31.27	+222bp	+971bp	+798bp	+11bp
9m	28.14	+650bp	+11bp	+756bp	+994bp
1yr	23.91	+474bp	+824bp	+580bp	+655bp
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	3,845	-146bp	-391bp	-897bp	+16bp
Jun '16	94.99	+24bp	-11ppt	-686bp	+58bp
Jul '17	55.10	+5bp	-569bp	-297bp	+27bp
Sep '20	28.71	+1bp	-112bp	-290bp	+987bp
Sep '21	27.59	+1bp	-329bp	-311bp	+905bp
Sep '22	23.69	+0bp	-295bp	-299bp	+744bp
Feb '23	22.48	+0bp	-202bp	-233bp	+692bp

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.

Liquidity increases slightly

Broader banking sector liquidity rose UAH1.58bn to UAH58.60bn last Friday as banks' correspondent accounts with the NBU increased a paltry UAH0.59bn to UAH27.72bn and total CDs outstanding were up UAH0.99bn to UAH21.13bn. Total local currency debt repayments scheduled for the next 30 days remained steady at UAH9.74bn.

KyivPrime interest rates slightly diverged: the KyivPrime ON interest rate declined 75bp to 22.50% while the KyivPrime 1M interest rate remained steady at 28.38%.

Investment implications: With no support from the NBU or the MoF, liquidity continued to rise last Friday. However, this increase could be short-lived as month-end tax payments begin next week.

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Chart page: Local bond market & Eurobond markets

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

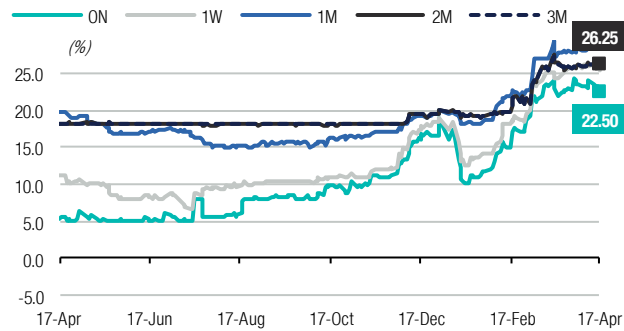


Chart 2. UAH NDF implied yields (%), last 12-month period

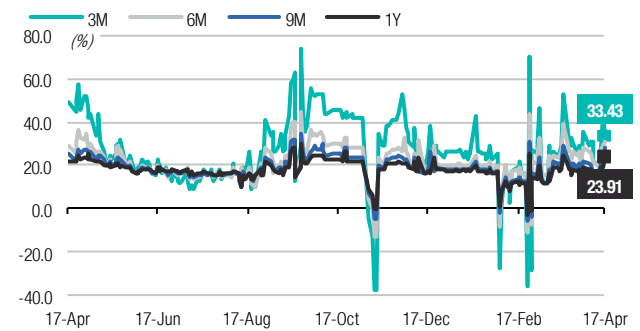


Chart 3. UAH sovereign yield curve (%) as of 17 Apr 2015

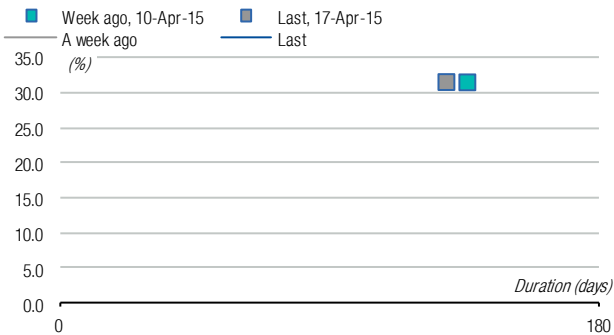


Chart 4. USD sovereign yield curve (%) as of 17 Apr 2015

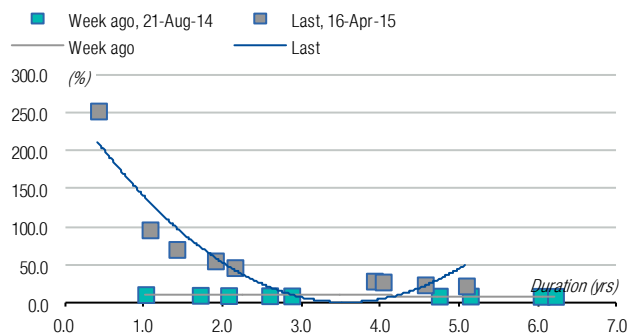


Chart 5. Banking sector liquidity (UAHbn), last 12-month period

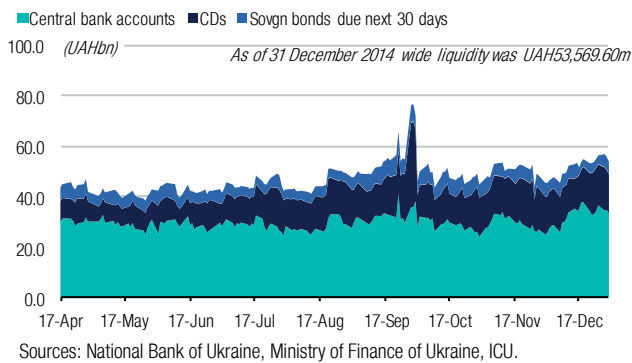


Chart 6. Breakdown of liquidity pool (%) as of 17 Apr 2015

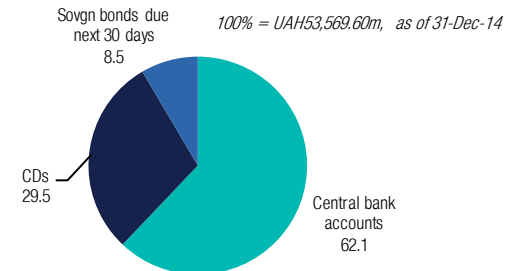


Chart 7. Holders of sovereign bonds (UAHbn), last 12 months

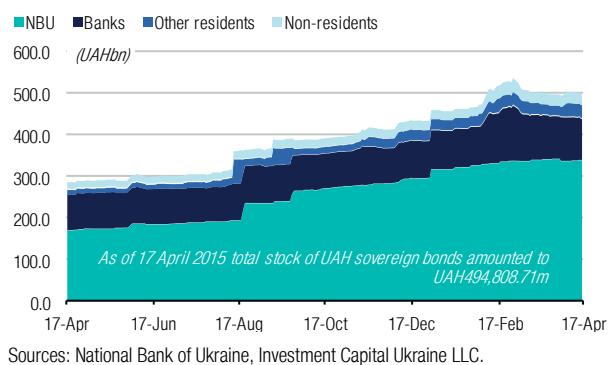


Chart 8. Domestic sovereign debt (%) as of 17 Apr 2015

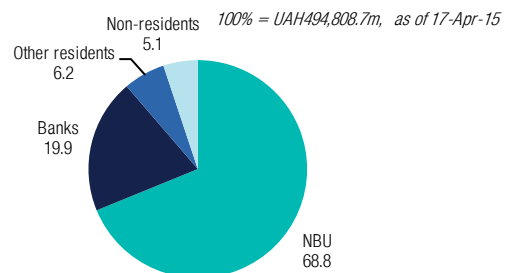


Table 1. Ukrainian stocks (closing prices as of 17-Apr-2015)

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	-6.8	0.13	29.4	-18.2	40.2	11.8	1.6	7.6	0.03	2,975	Neg.	N/A	N/A	2.7	N/A	N/A	Neg.	N/A	N/A	0.2	0.0
Centrenerg	CEEN UK	Kiev, UX	7.95 UAH	+0.8	-1.2	+5.4	+35.9	0.37	138.2	129.4	21.7	30.0	9.9	34.9	0.07	1,520	6.0	61.6	Neg.	0.2	6.3	Neg.	0.4	0.2	0.3	1.1	16.3
Coal Energy	CLE PW	Warsaw	0.65 PLN	+0.0	-3.0	+4.8	-49.2	0.17	7.8	84.8	25.0	2.0	1.2	5.4	0.20	512	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	22.32 UAH	-0.5	+1.0	-32.4	-47.3	1.05	24.8	62.2	14.2	3.5	2.2	4.9	0.10	957	1.0	0.9	Neg.	0.1	1.2	17.4	0.2	0.1	0.3	0.8	25.1
JKX Oil & Gas	JKX LN	London	29.00 GBp	+0.0	-12.1	+141.7	-50.0	0.43	74.7	85.3	47.2	35.2	23.9	371.5	0.25	393	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	22.9	-7.2	80.9	18.5	0.1	2.0	0.01	15,319	Neg.	11.4	7.6	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	0.2	0.0
Sadova Group	SGR PW	Warsaw	0.32 PLN	-3.0	+14.3	-59.5	-60.5	0.09	3.7	43.6	25.0	0.9	1.6	4.8	1.14	88	Neg.	N/A	N/A	Neg.	N/A	N/A	21.2	N/A	N/A	0.3	54.9
Zakhidenergo	ZAEN UK	Kiev, PFTS	150.00 UAH	+0.0	-16.2	+1.3	+22.0	7.06	90.3	99.3	5.0	4.5	0.0	1.0	0.02	4,128	3.3	N/A	N/A	0.7	N/A	N/A	0.2	N/A	N/A	1.3	0.0
METALLURGY																											
Alchevsky Meta...	ALMK UK	Kiev, UX	0.01 UAH	-4.4	+2.2	-9.7	-62.0	0.00	15.9	1,363.8	3.9	0.6	0.4	0.5	0.05	2,015	Neg.	Neg.	N/A	Neg.	Neg.	N/A	1.9	4.4	N/A	N/A	85.7
Avdiivskyi Cok...	AVDK UK	Kiev, UX	1.38 UAH	-0.3	-4.6	-20.3	-53.4	0.06	12.6	-16.8	4.0	0.5	0.0	1.4	0.26	379	Neg.	Neg.	Neg.	Neg.	0.3	0.3	Neg.	Neg.	Neg.	0.1	0.1
Azovstal	AZST UK	Kiev, UX	0.80 UAH	-1.8	+3.1	+7.9	+14.9	0.04	159.1	132.8	4.1	6.5	4.1	7.2	0.09	1,167	Neg.	1.9	2.9	Neg.	0.8	1.2	0.1	0.1	0.1	0.3	0.0
Ferrexpo PLC	FXPO LN	London	68.25 GBp	-2.8	+18.7	+39.5	-50.8	1.02	600.9	1,287.2	22.4	134.6	880.8	1,143.0	0.74	136	3.4	9.6	9.6	3.1	5.3	5.6	0.9	1.2	1.2	0.9	61.1
Yasynivskyi Cok...	YASK UK	Kiev, UX	0.30 UAH	+0.0	-14.0	+7.1	-60.0	0.01	3.9	4.4	9.0	0.3	0.0	0.1	0.01	14,011	Neg.	Neg.	9.1	0.0	Neg.	Neg.	0.0	0.0	0.0	0.1	0.0
Yenakievo Steel	ENMZ UK	Kiev, UX	17.62 UAH	+0.2	+3.6	-15.9	-49.9	0.83	8.7	2.5	9.4	0.8	0.1	2.3	0.10	963	Neg.	Neg.	Neg.	0.4	0.1	0.0	0.0	0.0	0.0	0.8	0.0
FOOD AND AGRIBUSINESS																											
AgroGeneration	ALAGR FP	EN Paris	0.47 EUR	+0.0	+4.4	+9.3	-57.3	0.51	46.8	93.5	34.0	15.9	7.0	53.1	0.11	891	Neg.	N/A	N/A	Neg.	N/A	N/A	1.6	N/A	N/A	1.0	35.9
Agroliga	AGL PW	Warsaw	8.58 PLN	-0.2	-0.8	-4.7	-49.2	2.30	3.5	4.3	16.7	0.6	2.8	1.8	0.17	605	1.0	N/A	N/A	1.2	N/A	N/A	0.2	N/A	N/A	0.4	5.7
Agroton	AGT PW	Warsaw	1.16 PLN	-3.3	-6.5	-5.7	-46.3	0.31	6.7	52.0	26.2	1.8	21.3	23.8	1.22	82	Neg.	N/A	N/A	19.5	17.3	N/A	0.6	0.6	N/A	0.1	28.4
Astarta Holdin...	AST PW	Warsaw	24.00 PLN	+0.0	+2.3	+20.0	-39.5	6.43	160.8	391.6	31.0	49.9	445.5	112.1	0.43	230	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	2.78 USD	-0.9	-8.9	+35.4	-71.5	2.78	177.2	430.6	21.7	38.5	5.0	64.6	0.11	898	Neg.	2.4	1.3	3.3	3.4	3.1	1.0	1.0	0.7	0.2	33.1
IMC	IMC PW	Warsaw	5.50 PLN	-3.5	+4.8	-3.0	-35.3	1.47	46.1	185.3	23.9	11.0	1.1	3.2	0.02	6,498	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	38.60 PLN	+5.7	-0.7	+35.6	+34.0	10.34	824.3	1,551.8	58.8	484.5	2,864.8	1,664.3	0.28	354	Neg.	5.9	5.5	7.0	4.7	4.7	0.6	0.7	0.6	0.8	39.1
KSG Agro	KSG PW	Warsaw	0.88 PLN	-1.1	-15.4	-21.4	-81.9	0.24	3.5	85.3	34.4	1.2	1.1	9.3	0.44	226	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	11.00 USD	-3.5	+23.6	+19.6	-8.3	11.00	1,162.3	2,292.8	22.3	259.4	169.8	793.1	0.33	306	7.5	166.8	4.7	5.9	4.4	4.5	1.5	1.6	1.7	2.3	47.0
Milkiland	MLK PW	Warsaw	2.88 PLN	-1.4	+1.8	+94.6	-61.5	0.77	24.1	132.7	20.0	4.8	25.2	57.0	0.73	137	2.1	Neg.	Neg.	4.0	4.2	4.5	0.4	0.4	0.6	0.1	30.8
Mriya Agrohold...	MAYA GF	Frankfurt	0.32 EUR	-0.6	-25.4	-43.1	-93.0	0.35	36.7	764.5	20.0	7.3	0.0	0.5	0.01	9,023	0.4	0.4	0.2	4.6	N/A	N/A	1.5	1.8	1.8	0.1	45.3
Ovostar Union	OVO PW	Warsaw	72.99 PLN	+4.3	+5.0	+1.4	+5.8	19.56	117.4	127.0	25.0	29.3	29.5	43.1	0.20	489	3.8	4.7	5.8	3.4	4.1	4.8	1.4	1.6	1.5	0.9	8.5
CONSTRUCTION																											
TMM	TR61 GF	Frankfurt	0.06 EUR	+0.0	-20.0	-25.0	-57.1	0.06	3.4	130.5	13.1	0.4	0.3	0.2	0.10	1,004	Neg.	N/A	N/A	Neg.	N/A	N/A	3.8	N/A	N/A	0.0	45.5
FINANCIAL SERVICES																											
Raiffeisen Ban...	BAVL UK	Kiev, UX	0.10 UAH	+0.6	-1.9	+1.9	-44.4	0.00	138.0	N/A	3.8	5.3	20.2	11.3	0.21	487	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	-0.1	+1.3	-15.6	-29.5	0.01	127.6	N/A	4.5	5.7	0.1	0.5	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

Table 1. Ukrainian stocks (closing prices as of 17-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)	FF turnover (US\$ 000)	Last day turnover (US\$ 000)	FF share traded (%)	FF turnover (days)	2014	2015E	2016E	2014	2015E	2016E	2014	2015E	2016E	P/B (x)	Debt/ Assets (%)

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

FX: News & Comments

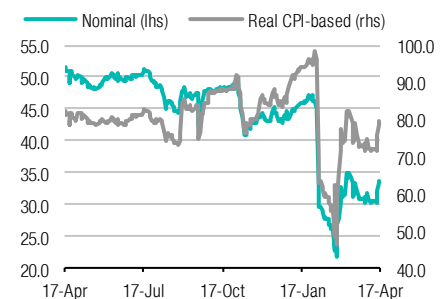
Hryvnia continues to strengthen slowly

As Interfax-Ukraine reported a 0.2% appreciation of the hryvnia from 21.10/USD on Thursday to 21.05/USD by Friday's close, the NBU's weighted average rate rose 1.8% from 21.50/USD to 21.11/USD, Bloomberg reported the rate flat at 20.95/USD. While no NBU intervention was reported (namely of buying US dollars), the market appeared balanced and the hryvnia appears to be strengthening. In trade-weighted terms, the hryvnia's rise was magnified by the 5.1% drop of the Russian ruble. Assisted slightly by the euro's 1.1% recovery, the hryvnia's trade-weighted index increased 1.41%. Because of these developments, the hryvnia's undervaluation appears to have narrowed. If hryvnia was 21.2% undervalued at the beginning of last week, it narrowed to 13.5% at last Friday's close.

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ICU's UAH trade-weighted indices

(Last 12-month history to 20 Apr 2015)



Source: Investment Capital Ukraine LLC.

FX market indicators (as of 17 Apr 2015)

	Last	Daily	Weekly	MoM	YTD
	chg (%)	chg (%)	chg (%)	chg (%)	chg (%)
USD/UAH MARKET (HRYVNIA per US DOLLAR)					
Spot mkt	20.9500	-0.52	-10.47	-6.37	+32.43
NBU avg	21.0577	-1.81	-7.97	-5.35	+33.54
Ttl vlm ¹	209.75	-11.53	-21.04	-31.95	-51.32
\$ volume ²	141.93	-20.93	-27.19	-32.90	-59.94
NDF 3M	22.6830	-2.88	-8.09	-4.25	+34.62
NDF 6M	24.1830	+0.44	-6.56	-3.04	+38.98
NDF 1Y	25.7830	+3.45	-4.08	-1.74	+39.75
TRADE-WEIGHTED INDICES (TWIs, points)					
UAH nom'l	33.672	+1.41	+10.28	+1.01	-24.27
UAH real CPI	79.541	+1.41	+10.28	+1.01	-8.23
UAH real PPI	98.659	+1.41	+10.28	+1.01	-16.22
USD nom'l	97.520	-0.79	-1.83	-2.07	+8.03
FX RATES OF KEY CURRENCIES THAT SHAPE UAH's TWIs					
USD/RUB	51.9640	+5.07	-3.03	-15.44	-14.44
EUR/USD	1.0806	+1.13	+1.90	+1.97	-10.68
USD/CNY	6.1979	+0.00	-0.17	-0.83	-0.12
USD/PLN	3.7274	-0.77	-1.73	-4.53	+5.19
USD/TRY	2.6784	-0.48	+1.89	+2.51	+14.71
USD/BYR	14,303.00	-0.50	+0.02	-5.28	+30.03
USD/KZT	185.8100	+0.01	+0.00	+0.23	+1.90
OTHER MAJOR CURRENCIES					
USD/JPY	118.9000	-0.34	-1.10	-2.04	-0.73
GBP/USD	1.4962	+0.89	+2.26	+1.44	-3.95
USD/CHF	0.9521	-1.31	-2.76	-5.38	-4.24
AUD/USD	0.7782	+0.45	+1.30	+2.17	-4.81
USD/CAD	1.2246	-0.33	-2.55	-4.24	+5.38
USD/BRL	3.0408	+0.67	-1.13	-6.14	+14.42
USD/KRW	1,083.64	-0.47	-0.83	-4.01	-0.67
COMMODITIES					
Gold(\$/oz)	1,204.27	-0.07	-0.27	+4.76	+1.64
WTI crude ³	55.74	+0.00	+7.94	+28.26	+4.64
Brent crd ³	61.21	+0.62	+6.75	+19.25	+9.77
Urals crd ³	N/A	+0.00	+0.00	+0.00	+0.00
TR/J CRB ⁴	223.94	-0.79	+3.14	+7.15	-2.62

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>).

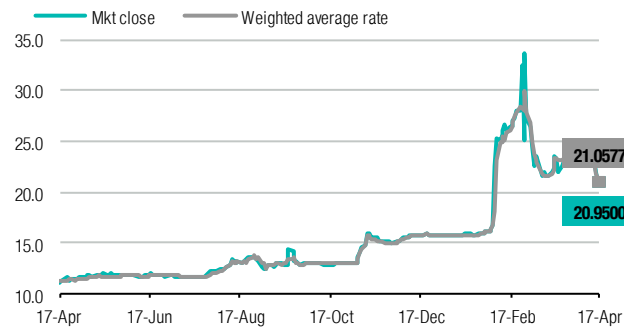
Section on FX market is continued on next page.

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.

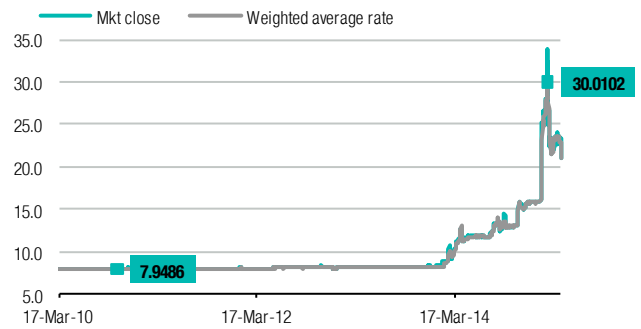
Sources: Bloomberg, Investment Capital Ukraine LLC.

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)

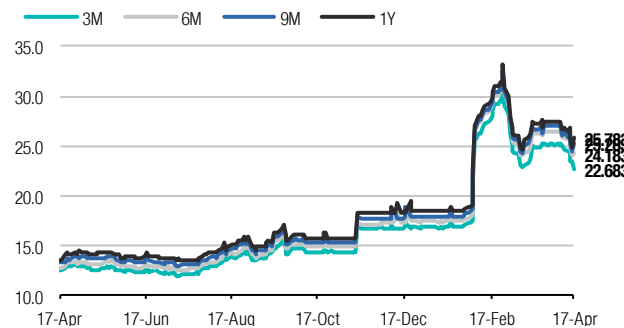


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.

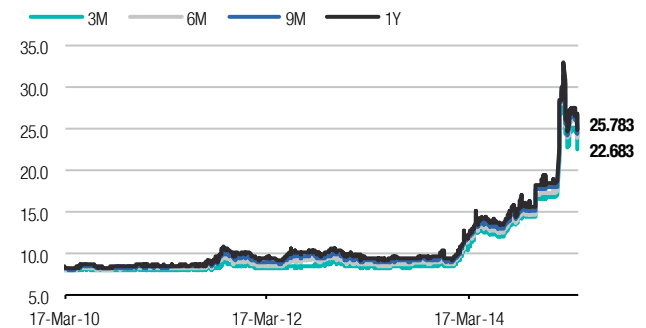


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

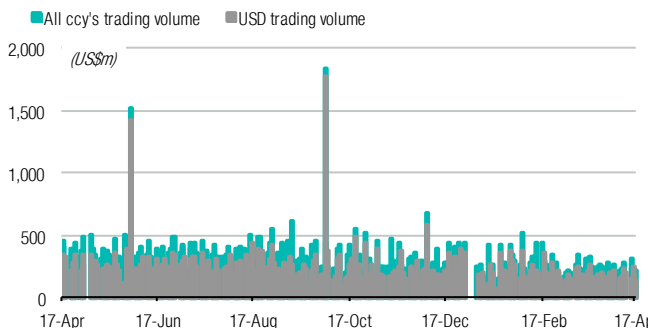


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

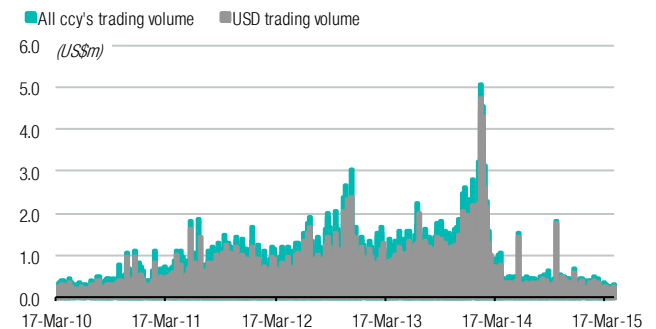


Sources: National Bank of Ukraine, Investment Capital Ukraine LLC.

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

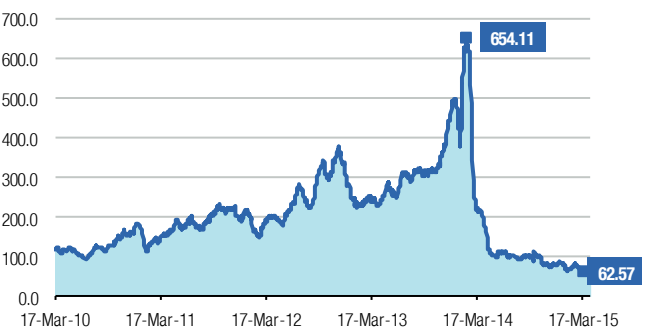


Sources: National Bank of Ukraine, Bloomberg, Investment Capital Ukraine LLC.



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 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

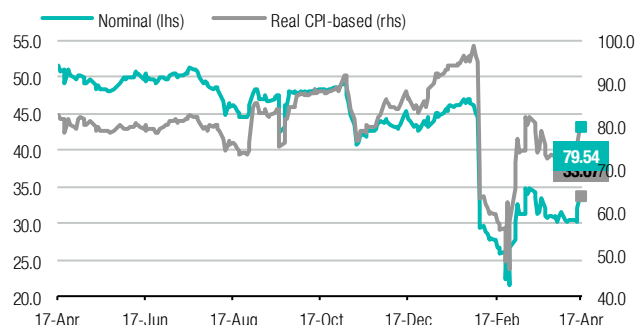


Chart 14. Nominal, CPI- and PPI-based TWIs of UAH, history of last 5-year period

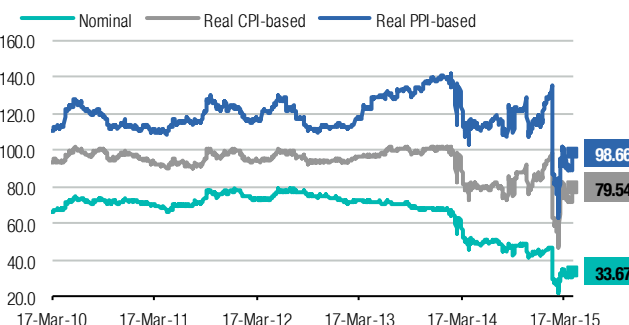


Chart 15. Deviation of UAH trade-weighted indices from their 5-year moving averages: last 12-month and 5-year periods (% , left and right respectively)

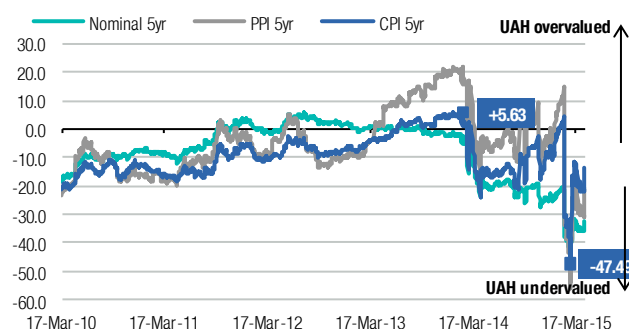
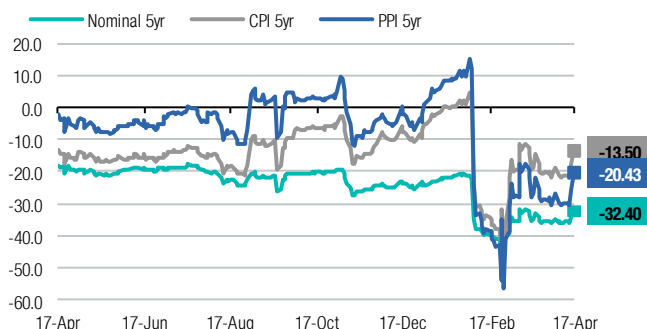
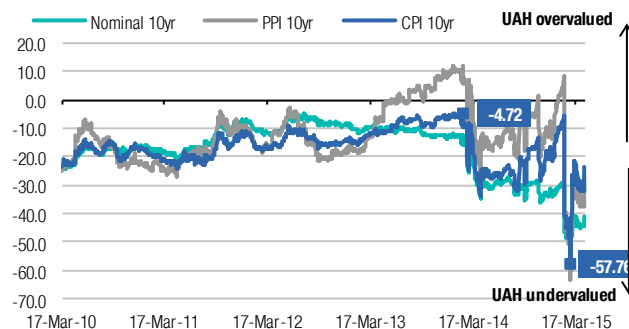
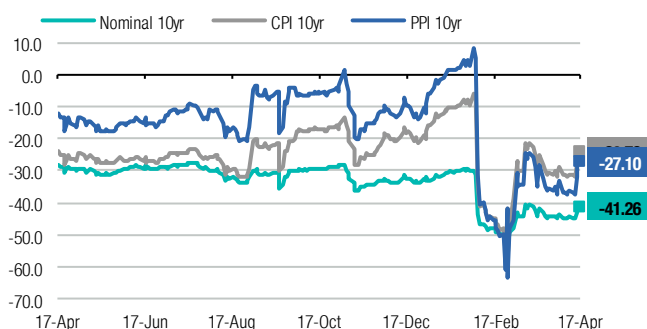


Chart 16. Deviation of UAH trade-weighted indices from their 10-year moving averages: last 12-month and 5-year periods (% , left and right respectively)



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Disclosures

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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



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