



EMPIRE STATE CAPITAL PARTNERS



UX
-1.1%

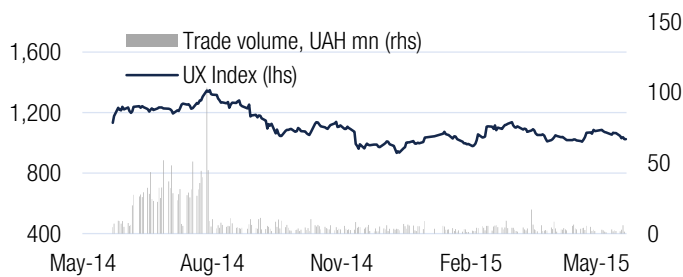


USD/UAH
0.0%



Ukraine CDS
-1.1%

Ukrainian market performance (UX)



Source – Bloomberg

Currencies	Last	1d	1m	YTD *
USD/UAH	20.75	0.0%	-8.8%	27.5%
EUR/UAH	23.06	0.2%	-5.6%	16.1%
RUB/UAH	0.42	-0.5%	-2.0%	45.4%
Indices	Last	1d	1m	YTD
UX	1,024	-1.1%	0.9%	-0.9%
PFTS	357	-0.5%	-0.4%	-7.7%
WIG UKR	299	0.3%	0.1%	22.4%
MICEX	1,659	1.4%	0.2%	18.8%
MSCI EM	1,033	-0.3%	-1.0%	8.0%
S&P500	2,131	0.2%	2.4%	3.5%
DAX	11,865	0.1%	1.5%	21.0%
Dow Jones	18,286	0.0%	2.6%	2.6%
Nikkei	20,203	0.0%	2.8%	15.8%
Shanghai Comp	4,529	1.9%	5.6%	40.0%
WIG	56,991	0.1%	2.8%	10.8%

Commodities	Last	1d	1m	YTD
Oil (Brent)	67	2.3%	4.9%	16.1%
Gold	1,204	-0.4%	0.1%	1.7%
Iron ore	59	1.0%	17.3%	-14.2%
Steel	450	0.0%	-1.1%	-25.6%
Wheat	191	0.0%	-3.0%	-22.4%
Corn	155	0.3%	-5.1%	-4.9%

Source – Bloomberg, Minfin.com.ua (*)

Futures - UX	Last	1d	Vol, UAH mn	Open acc, ths
DX-6.15 (USD)	22.26	-1.5%	0.3	0.5
UX-6.15	1,053	-0.7%	2.7	16.1
UX-9.15	1,113	-0.0%	0.0	1.4

Source - UX

Market comment

The UX Index was down by 1.1% on Thursday, and up by 2.4% in the US dollar terms, while the PFTS index was up by 0.3% in UAH terms. Six out of ten companies in the UX index were down in UAH terms, with the largest decrease in prices observed for Avdiivka coke (-3.2%), Motor Sich (-3.1%) and Azovsteel (-1.8%).

On the interbank exchange market, the USD/UAH spot rate was unchanged at 20.75 (mid price) on Thursday according to Bloomberg. The official exchange rate reported by the NBU was 20.68.

Ukraine 5-year CDS were down by 1.1% on Thursday.

Market news

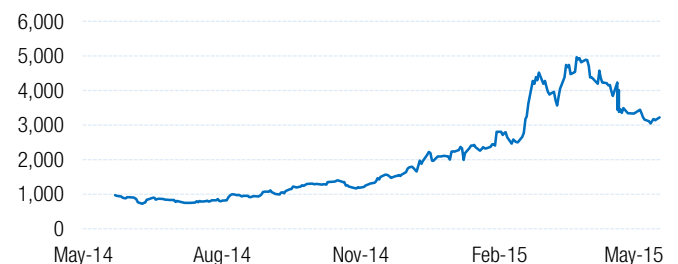
- Ferrexpo's AGM approves USD 3.3 cents final dividend
- Motor Sich might supply D-136 engines for the Chinese heavy transport helicopter AHL
- Metinvest misses USD 114 mn in Eurobond payment

Best performers	Ticker	Price, \$	1d	YTD
Cadogan Oil	CAD LN	0.141	5.2%	-9.5%
Active Energy	AEG LN	0.094	4.7%	98.6%
Serinus Energy	SEN PW	0.881	2.6%	-22.2%

Worst performers	Ticker	Price, \$	1d	YTD
KDM Shipping	KDM PW	0.979	-12.4%	-14.4%
Misen Energy	MISE SS	0.806	-9.2%	-7.6%
Avangard	AVGR LI	2.550	-5.6%	24.4%

Source – UX, Bloomberg

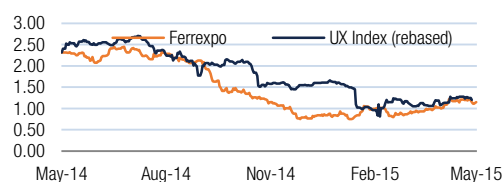
Ukraine 5Y CDS spreads



Ferrexpo

UKRAINE	MINING/IRON ORE
Bloomberg ticker	FXPO LN
Current price, \$	1.14
Market cap, \$ mn	669
EV, \$ mn	1,258

Price performance



Performance	1d	1m	YTD
Stock (USD)	2.2%	11.7%	49.1%
Index (USD)	-1.1%	11.1%	-22.2%

Financials, \$ mn	2013	2014	2015f
Revenues	1,581	1,388	1,078
EBITDA	502	496	233
E. margin	32%	36%	22%
Net income	262.0	183	65.2
EPS, \$	0.4	0	0.1
Div/share, \$	0.1	0.1	0.1

Valuation, gearing and yield			
EV/EBITDA	2.51	2.54	5.40
P/E	2.55	3.66	10.25

Source: Bloomberg, Company data

Ferrexpo's AGM approves USD 3.3 cents final dividend

According to the press-release of Ferrexpo [FXPO LN], the leading producer and exporter of iron ore pellets in Ukraine, the company's AGM has approved a USD 3.3 cents final dividend. Earlier, Ferrexpo's Board of Directors has proposed a final dividend in respect of profits generated by the company in 2014 of USD 3.3 cents per ordinary share, payable on May 29, 2015 to shareholders of record as of May 1, 2015. The AGM also approved the company's financial report for 2014 and re-appointed Ernst & Young LLP as auditors.

Additionally, the AGM has authorized the company to make market purchases of up to 58.8 mn of Ferrexpo's ordinary shares, which expires at the end of the next AGM or July 1, 2016 (whichever is earlier).

Our view:

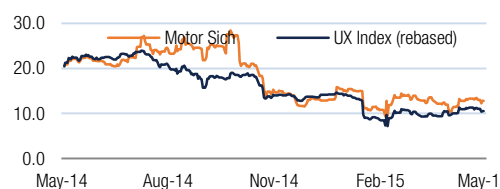
The fact that the company is continuing with its dividend policy even in a complex economic environment of 2014-2015 is a positive signal for equity investors. Considering the special dividend of USD 6.6 cents that was paid in March 2015, the dividend yield comes to about 9%, while the implied dividend payout ratio (using the 2014 net income) is 32%. We also note that Ferrexpo has announced a buyback program, which should support the company's share price.

epetrusha@empirestatecap.com

Motor Sich

UKRAINE	MACHINERY
Bloomberg ticker	MSICH UK
Current price, \$	125.54
Market cap, \$ mn	261
EV, \$ mn	197

Price performance



Performance	1d	1m	YTD
Stock (USD)	-3.1%	10.0%	-17.7%
Index (USD)	-1.1%	11.1%	-22.2%

Financials, \$ mn	2013	2014	2015f
Revenues	1,053	897	634
EBITDA	384	351	258
E. margin	36%	39%	41%
Net income	162	130	143
EPS, \$	77.8	72.7	62.1
Div/share, \$	1.5	1.0	1.0

Valuation, gearing and yield			
EV/EBITDA	0.51	0.56	0.76
P/E	1.61	2.01	1.83

Source: Bloomberg, Company data

Motor Sich might supply D-136 engines for the Chinese heavy transport helicopter AHL

According to the statement of the General Director of "Russian Helicopters" Alexander Mikheev, Motor Sich [MSICH UK] will take part in the creation of the Russian-Chinese heavy helicopter Advanced Heavy Lift (AHL). As was stated by Mikheev, Motor Sich is ready to supply its D-136 engines which are now used on heavy Mi-26 helicopters.

Currently, the parties have signed the roadmap for the project, while the signing of the contract is expected to be carried out by the end of 2015. The weight of the helicopter is reported to be about 38 tonnes with a cargo capacity of 10-15 tonnes (Mi-26 has the cargo capacity of 20 tonnes). According to Mikheev, the Chinese counterparty (AVIC) will be responsible for the design and creation of the helicopter. The total size of the market was estimated by Mikheev at 200 units.

Our view:

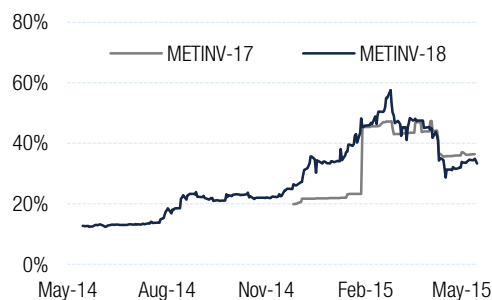
The news is POSITIVE for Motor Sich, although at this moment it is too early to estimate the final contract size and terms. Assuming a production level of 20 helicopters per year, this yields around USD 50 mn in additional revenues for Motor Sich. Furthermore, the fact that the final customer is the Chinese company eliminates some of the political risks for Motor Sich.

epetrusha@empirestatecap.com

METINV-15,17,18

Ticker	METINV-15	METINV-17	METINV-18
Volume	114/500	290	750
Coupon	10.25	10.5	8.75
Mid price	69.8	59.5	58.0
Mid YTM	flat	36.5	33.3
Rating			
Fitch	NR	C	C
Moody's	WR	-	Caa3

YTM history



Source: Bloomberg

Annual financials, USD mn			
P&L	2013	2014	Δ
Net sales	12,807	10,565	-18%
EBITDA	2,361	2,702	14%
Net income	392	159	-59%
BS	2013	2014	Δ
Assets	16,906	12,556	-26%
Liabilities	7,275	5,794	-20%
Equity	9,631	6,762	-30%
Total debt	4,308	3,231	-25%
Net debt	3,118	3,525	13%
Ratios	2013	2014	Δ
D/EBITDA	1.8	1.2	-0.5pp
ND/EBITDA	1.5	1.2	-0.5pp
EBITDA/Int. exp.	7.0	8.7	+1.7pp

Source: Company data, ESCP

Metinvest misses USD 114 mn in Eurobond payment

Metinvest missed repayment of outstanding principal on its USD 114 mn 10.25% notes, maturing on May 20, 2015. The nonpayment was nearly imminent, as in its attempt to reach agreement of note holders on reprofiling of the outstanding debt, the company scheduled creditors' meeting only on June 01, 2015. The company has issued no statement yet as to the ongoing consultations with its creditors. The non-payment is tantamount to default as the 2015 notes foresee no remedy period. The nonpayment also triggers cross-default, which is supposed by the provisions of its 2015, 2017, 2018 notes, as well as its PXF facilities.

Under the Noteholder Consent Solicitation from May 02, 2015, the company proposed to extend the maturity of the 2015 Eurobond to January 31, 2016. On April 10, 2015, Moody's ratings downgraded the company's probability of default rating (PDR) to D-PD from Caa3-PD.

Our view:

The development is highly negative for the company, as it is unveiling low prospects of Metinvest's exit from a cascading default. The current default superimposed upon another ongoing one, which resulted from the failure of the company to make payment of USD 113 mn on its PXF facility in March 2015. In the meantime, the company has to repay around USD 549 mn of PXF by January 31, 2016. With regard to the company's dire financial position and its high exposure to the Donbas conflict we expect that Metinvest will launch a full-scale debt restructuring negotiations with its creditors, which may include a haircut request, besides a maturity extension.

tratovohery@empirestatecap.com

Local equity – UX Index

Company	Ticker	Mcap, \$ mn	Last price, \$	Bid, \$	Ask, \$	Chg, d/d	Chg, m/m	Chg, YTD	1M ADT Vol, \$000	52w Low	52w High
Alchevsky MP	ALMK UK	18.6	0.001	0.001	0.001	2.1%	21.9%	-21.5%	1.4	0.001	0.004
Avdeevsky Coke	AVDK UK	12.5	0.061	0.061	0.064	-3.2%	0.5%	-42.9%	1.0	0.066	0.309
Azovstal	AZST UK	166.9	0.039	0.039	0.040	-2.1%	10.5%	-15.0%	5.9	0.030	0.074
Bank Aval	BAVL UK	136.5	0.004	0.004	0.004	-0.1%	4.5%	-24.2%	14.0	0.005	-
CentrEnerg	CEEN UK	144.4	0.384	0.384	0.388	-0.5%	10.2%	-17.2%	19.8	0.253	0.746
DonbassEnerg	DOEN UK	26.9	1.122	1.102	1.118	0.2%	14.9%	-44.6%	10.6	0.940	4.111
Enakievo MP	ENMZ UK	9.0	0.819	0.800	0.828	0.0%	6.2%	-36.3%	2.2	0.578	5.365
Motor Sich	MSICH UK	275.1	125.54	125.54	126.46	-3.1%	10.0%	-17.7%	41.2	146.69	110.1
Ukrnafta	UNAF UK	696.7	12.969	12.964	13.055	-1.1%	18.1%	3.9%	41.4	4.563	29.07
Kryukiv carriage	KVBZ UK	58.0	0.524	0.500	0.523	0.0%	15.9%	-33.6%	1.5	0.418	1.814

Source: Bloomberg, UX. Price calculated using the interbank exchange rate according to Bloomberg.

Other local equity

Company	Ticker	Mcap, \$ mn	Last price, \$	Bid, \$	Ask, \$	Chg, d/d	Chg, m/m	Chg, YTD	1M ADT Vol, \$000	52w Low	52w High
Central GZK	CGOK UK	480.0	0.410	0.289	0.424	0.0%	-	-	-	-	-
Donetsk Coke	DKOK UK	3.8	0.015	-	0.023	0.0%	-	-	-	-	-
DniproEnerg	DNON UK	28.0	3.614	3.016	4.867	0.0%	-	-	-	-	-
DonetskOblEnerg	DOON UK	8.5	0.130	0.065	0.195	0.0%	-	-	-	-	-
Farmak	FARM UK	52.6	7.229	7.229	10.843	0.0%	-	-	-	-	-
Forum Bank	FORM UK	-	-	-	-	-	-	-	-	-	-
KhmelnytskOblEner	HMON UK	14.6	0.108	0.054	0.162	0.0%	-	-	-	-	-
Hartsyzk pipes	HRTR UK	36.3	0.013	0.013	0.015	-3.4%	-22.9%	-42.7%	0.1	0.013	0.086
KievEnerg	KIEN UK	67.4	0.622	0.617	0.723	0.0%	-	-	-	-	-
KirovogradOblEner	KION UK	12.9	0.108	0.054	0.162	0.0%	-	-	-	-	-
AvtoKRAZ	KRAZ UK	13.1	0.006	0.005	0.006	0.0%	-	-	-	-	-
DTEK KrymEnerg	KREN UK	4.4	0.026	0.013	0.036	0.0%	6.3%	-78.9%	0.2	0.031	0.214
Kryukiv carriage	KVBZ UK	58.0	0.524	0.500	0.523	0.0%	15.9%	-33.6%	1.5	0.418	1.814
Lugansk Locomotive	LTPL UK	12.7	0.051	0.044	0.051	0.0%	-22.9%	-23.7%	0.1	0.072	0.066
Bogdan Motors	LUAZ UK	5.4	0.001	0.001	0.001	0.0%	-6.0%	-6.2%	0.1	0.001	0.007
Ilyich iron and steel	MMKI UK	113.3	0.009	0.008	0.009	0.0%	-	-	-	-	-
Mariupol machinery	MZVM UK	1.1	0.003	0.003	0.003	0.0%	-6.3%	-61.7%	0.5	0.005	0.017
MHP	MHPC UK	1,374.9	13.253	12.819	13.229	1.9%	-	-	-	-	-
Nord	NORD UK	5.2	1.928	0.964	3.373	0.0%	-	-	-	-	-
Poltavkhimmash	PHMSH UK	1.8	0.747	0.374	-	0.0%	-	-	-	-	-
South GZK	SGOK UK	866.1	0.376	0.304	0.386	0.0%	10.1%	-26.9%	0.7	0.280	0.777
Pokrovske mine	SHCHZ UK	13.5	0.016	0.010	0.016	0.0%	25.7%	-45.1%	0.1	0.011	0.068
Universalna insur.	SKUN UK	2.4	-	-	-	-	-	-	-	0.025	0.669
Slavutich	SLAV UK	320.3	0.313	0.319	0.424	0.0%	-	-	-	-	-
Stakhanov railway	SVGZ UK	3.0	0.012	0.010	0.014	0.0%	-	-	-	-	-
Ukrtelecom	UTLM UK	162.4	0.009	0.008	0.009	0.0%	7.3%	-7.1%	14.0	0.008	0.010
Yasynivsky Coke	YASK UK	4.0	0.013	0.013	0.015	0.0%	-4.6%	-27.1%	0.0	0.012	0.072
Zakhidenergo	ZAEN UK	102.3	8.000	6.752	8.082	0.0%	21.9%	-12.1%	0.1	7.693	15.488
ZakarpattyaOblEner	ZOEN UK	6.6	-	-	-	-	-	-	-	0.060	0.145

Source: Bloomberg, UX. Price calculated using the interbank exchange rate according to Bloomberg.

Ukrainian equities listed abroad

Company	Ticker	Mcap, \$ mn	Last price, \$	Bid, \$	Ask, \$	Chg, d/d	Chg, m/m	Chg, YTD	1M ADT Vol, \$000	52w Low	52w High
Active Energy	AEG LN	52.3	0.09	0.09	0.09	4.7%	20.8%	98.6%	119.1	0.03	0.19
Agrogeneration	ALAGR FP	49.4	0.53	0.53	0.53	-1.7%	5.9%	2.7%	16.7	0.32	1.28
Agroton	AGT PW	5.9	0.27	0.27	0.27	-1.9%	-12.9%	-21.7%	8.9	0.25	0.87
Astarta-Kyiv	AST PW	165.9	6.64	6.63	6.63	0.9%	2.8%	17.5%	250.7	3.88	13.03
Avangard	AVGR LI	162.9	2.55	2.55	2.55	-5.6%	-8.1%	24.4%	85.5	1.81	10.35
Black Iron	BKI CN	4.0	0.02	0.02	0.02	0.0%	22.0%	-42.1%	4.9	0.02	0.14
Cadogan Oil	CAD LN	32.6	0.14	0.14	0.14	5.2%	11.3%	-9.5%	12.7	0.13	0.19
Cereal Planet	CRP PW	6.1	3.45	3.40	3.40	0.0%	5.3%	3.8%	0.0	2.86	3.44
Coal Energy	CLE PW	7.1	0.16	0.16	0.16	0.0%	-9.8%	-9.9%	1.3	0.14	0.40
Cub Energy	CUB CN	5.1	0.02	0.02	0.02	-1.6%	0.3%	-45.6%	2.7	0.01	0.14
Ferrexpo	FXPO LN	668.9	1.14	1.14	1.14	2.2%	11.7%	49.1%	898.0	0.69	2.09
Hawkey Oil&Gas	HOG AU	1.1	0.00	0.00	0.00	-0.5%	-15.0%	20.4%	-	0.00	0.01
IMC	IMC PW	38.3	1.22	1.20	1.20	-4.2%	-17.3%	-23.6%	1.6	1.25	2.85
JKX Oil&Gas	JKX LN	76.9	0.45	0.44	0.44	0.8%	3.3%	138.8%	25.8	0.17	0.99
KDM Shipping	KDM PW	9.1	0.98	0.95	0.95	-12.4%	-29.5%	-14.4%	0.8	0.95	2.98
Kernel	KER PW	802.0	10.06	10.03	10.03	0.2%	-3.1%	25.2%	1,886.9	5.70	10.82
MHP	MHPC LI	1,262.7	11.95	11.30	11.30	0.0%	8.6%	29.9%	646.8	8.24	15.60
Milkiland	MLK PW	20.1	0.64	0.62	0.62	2.2%	-16.8%	54.2%	18.7	0.39	2.06
Misen Energy	MISE SS	116.9	0.81	0.81	0.81	-9.2%	2.3%	-7.6%	-	0.68	3.16
Mriya	MAYA GF	11.8	0.11	0.12	0.12	-33.1%	-67.8%	-83.6%	0.1	0.06	6.12
Ovostar	OVO PW	128.9	21.49	21.49	21.49	0.0%	9.4%	5.7%	220.9	16.95	22.51
Regal Petroleum	RPT LN	23.2	0.07	0.07	0.07	0.8%	1.9%	48.8%	1.6	0.04	0.16
Serinus Energy	SEN PW	69.3	0.88	0.88	0.88	2.6%	6.7%	-22.2%	273.8	0.77	2.35
Westa ISIC	WES PW	1.0	0.02	0.02	0.02	0.0%	-8.5%	-53.9%	0.1	0.02	0.13

Source: Bloomberg.

Market multiples

Industry	Ticker	Last price,	Target price,	Mcap \$ mn	EV, \$ mn	Free float	P/E			EV/EBITDA			EV/Sales			P/B
		\$	\$				2013	2014E	2015F	2013	2014E	2015F	2013	2014E	2015F	
OIL&GAS, ENERGY																
Ukrnafta	UNAF UK	12.97	-	697	965	8%	29.9	6.6	16.0	3.4	2.5	5.6	0.4	0.5	0.7	0.3
JKX Oil & Gas	JKX LN	0.45	-	77	88	48%	11.8	neg.	neg.	1.3	1.9	1.6	0.5	0.6	0.6	0.2
Misen Energy	MISE SS	0.81	-	117	134	1%	3.7	-	-	2.9	-	-	1.4	-	-	1.4
Serinus Energy	SER PW	0.88	-	69	95	39%	neg.	neg.	neg.	1.3	1.3	2.6	0.6	0.6	0.8	0.4
Cub Energy	KUB CN	0.02	0.03	5	4	26%	neg.	neg.	neg.	neg.	neg.	neg.	1.5	0.5	0.6	0.1
Active Energy	AEG LN	0.09	0.26	52	54	40%	neg.	neg.	0.9	neg.	nmf.	0.9	6.6	2.1	0.5	9.0
METALS & MINING																
Ferrexpo	FXPO LN	1.14	-	669	1,258	26%	2.6	3.7	10.3	2.5	2.5	5.4	0.8	0.9	1.2	0.4
Central GZK	CGOK UK	0.41	-	480	465	0%	2.5	2.9	-	1.4	1.7	-	0.7	0.7	-	0.6
South GZK	SGOK UK	0.38	-	866	1,174	1%	1.6	1.9	-	1.3	1.4	-	0.7	0.8	-	0.4
Pokrovske coal	SHCHZ UK	0.02	-	13	140	2%	neg.	-	-	1.4	-	-	0.3	-	-	0.1
Azovsteel	AZST UK	0.04	-	164	164	4%	neg.	2.1	3.2	neg.	1.1	1.6	0.1	0.1	0.1	0.1
Enakievo MP	ENMZ UK	0.82	-	9	1	14%	neg.	neg.	neg.	neg.	0.0	0.0	0.0	0.0	0.0	0.3
AGRI/FOOD																
Kernel	KER PW	10.06	-	802	1,537	55%	7.2	neg.	5.8	5.3	6.9	4.6	0.5	0.6	0.7	0.6
MHP	MHPC LI	11.95	-	1,263	2,442	29%	8.1	neg.	6.3	6.2	4.4	4.9	1.6	1.8	1.9	1.0
Astarta	AST PW	6.64	-	166	429	32%	5.6	neg.	neg.	5.1	2.7	4.4	1.0	0.9	1.1	0.3
Agrogeneration	ALAGR FP	0.53	-	49	141	18%	neg.	neg.	-	neg.	5.2	-	1.4	1.6	-	0.7
Avangard	AVGR LI	2.55	4.52	163	332	23%	0.7	neg.	4.7	1.1	2.6	3.0	0.5	0.8	1.0	0.1
Ovostar	OVO PW	21.49	-	129	138	26%	4.2	4.7	5.7	3.8	4.7	5.3	1.6	1.8	1.8	0.9
Mriya	MAYA GF	0.11	-	12	800	20%	0.1	-	-	4.9	-	-	1.6	-	-	0.0
IMC	IMC PW	1.22	-	38	163	27%	1.5	neg.	4.7	3.3	2.9	3.2	1.4	1.2	1.0	0.2
Milkiland	MLK PW	0.64	-	20	131	22%	1.4	neg.	neg.	3.0	5.7	4.4	0.3	0.3	0.5	0.1
UTILITIES																
CentrEnerg	CEEN UK	0.38	-	142	153	22%	2.4	23.6	neg.	1.6	5.9	neg.	0.2	0.2	0.3	0.5
DonbassEnerg	DOEN UK	1.12	-	27	123	14%	0.4	1.1	neg.	1.1	2.6	38.2	0.2	0.3	0.7	0.2
KievEnerg	KIEN UK	0.62	-	67	7	3%	0.5	-	-	0.0	-	-	0.0	-	-	0.1
Zakhidenergo	ZAEN UK	8.00	-	102	133	3%	1.4	-	-	0.9	-	-	0.1	-	-	0.5
INDUSTRIALS																
Hartsyzk pipes	HRTR UK	0.01	-	35	36	2%	7.5	7.0	-	1.4	1.2	-	0.3	0.1	-	0.2
AutoKRAZ	KRAZ UK	0.006	0.017	13	148	13%	5.4	neg.	0.6	11.4	3.4	3.3	1.7	1.0	1.0	-
Kryukiv carriage	KVBZ UK	0.52	-	60	64	32%	1.4	neg.	neg.	1.3	neg.	12.8	0.1	0.5	1.0	0.2
Motor Sich	MSICH UK	125.54	-	261	197	19%	1.6	2.0	1.8	0.6	0.6	0.8	0.2	0.2	0.3	0.2
Bogdan Motors	LUAZ UK	0.001	-	5	181	42%	neg.	-	-	neg.	-	-	1.4	-	-	0.1
BANKING																
Ukrsotsbank	USCB UK	0.005	-	121	863	2%	neg.	6.4	neg.	-	-	-	1.4	-	-	0.1
Bank Aval	BAVL UK	0.004	-	134	547	4%	1.1	neg.	neg.	-	-	-	0.6	1.2	2.2	0.1
TELECOMS																
Ukrtelecom	UTLM UK	0.009	-	162	291	7%	neg.	6.8	20.3	2.0	2.6	4.1	0.4	0.5	1.3	0.3
PHARMA																
Farmak	FARM UK	7.23	-	53	85	22%	1.5	-	-	1.3	-	-	0.4	-	-	0.3

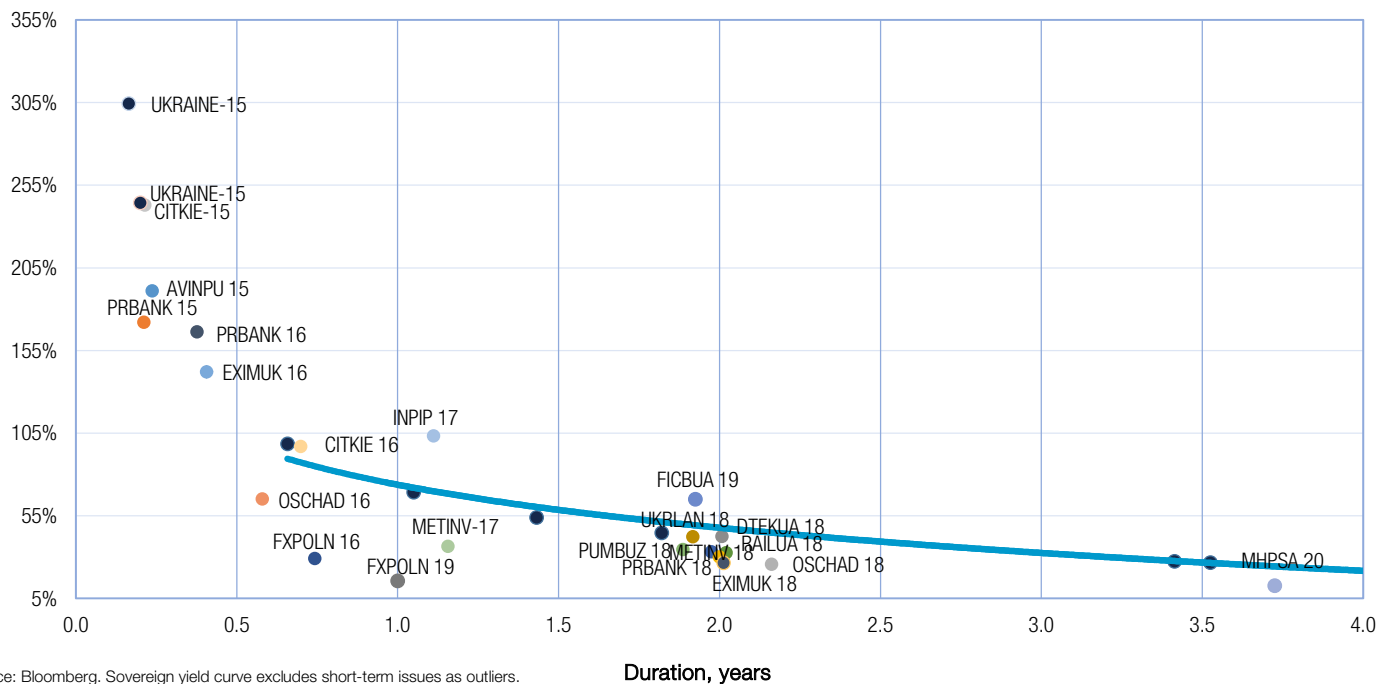
Source: Bloomberg, ESCP estimates. Market value of debt is used where applicable.

Eurobonds

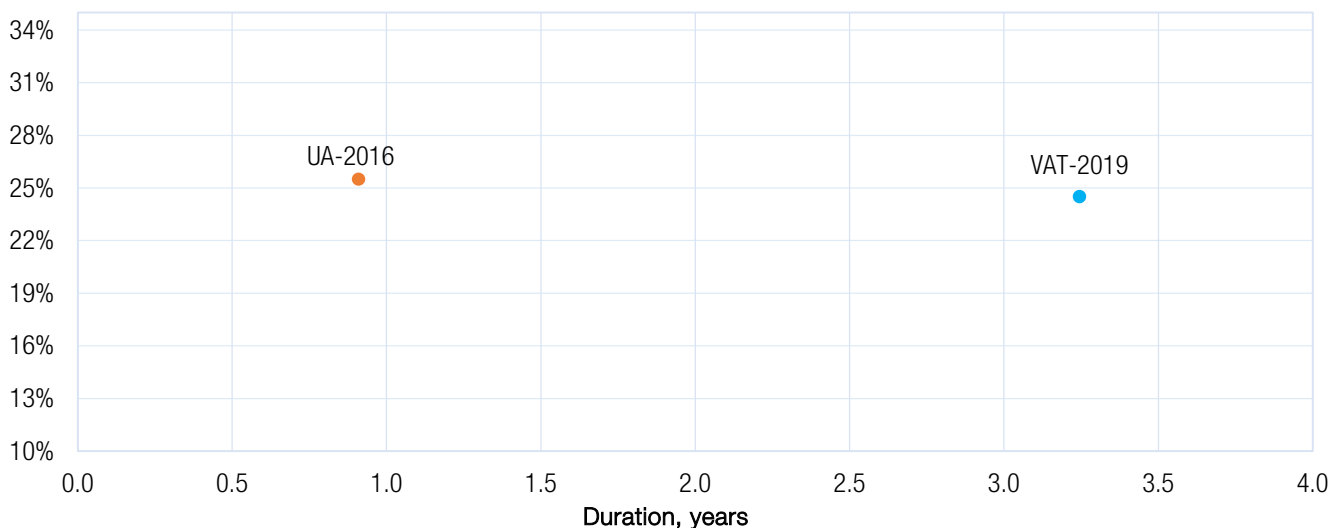
Issue	Ticker	Cpn	Maturity	Amt, \$ mn	Last	Bid	Ask	YTM (mid)	Mod. Dur.	Spread to sov., bps	Rating
Sovereigns											
Ukraine-15	UKRAIN	6.88	23.09.2015	500	50.80	50.15	51.45	304.3	0.16	16,270	CC/Ca/CCC-
Ukraine-15	UKRAIN	4.95	13.10.2015	600	50.95	50.04	51.87	244.3	0.20	11,015	CC/Ca/CCC-
Ukraine-15 (RU)	UKRAIN	5.00	20.12.2015	3,000	52.50	50.00	55.00	161.8	0.31	4,419	CCC/Caa3/CCC
Ukraine-16	UKRAIN	6.25	17.06.2016	1,250	46.38	45.88	46.88	98.6	0.66	901	CC/Ca/CCC-
Ukraine-16	UKRAIN	6.58	21.11.2016	1,000	46.88	46.38	47.38	69.3	1.05	-272	CC/Ca/CCC-
Ukraine-17	UKRAIN	9.25	24.07.2017	2,600	46.57	46.00	47.14	53.9	1.43	-642	CC/Ca/CCC-
Ukraine-17	UKRAIN	6.75	14.11.2017	700	46.50	45.75	47.25	44.7	1.82	-663	CC/Ca/CCC-
Ukraine-20	UKRAIN	7.75	23.09.2020	1,500	46.43	45.90	46.95	27.4	3.41	-22	CC/Ca/CCC-
Ukraine-21	UKRAIN	7.95	23.02.2021	1,500	46.48	45.90	47.05	26.6	3.53	19	CC/Ca/CCC-
Ukraine-22	UKRAIN	7.8	28.11.2022	2,250	46.47	46.14	46.81	23.2	4.06	198	CC/Ca/CCC-
Ukraine-23	UKRAIN	7.5	17.04.2023	1,250	48.25	47.50	49.00	21.3	4.62	505	CC/Ca/CCC-
Fin. of infr. pr.-17	UKRINF	8.38	03.11.2017	568	45.50	44.50	46.50	49.1	1.72	-443	-/Ca/-
Fin. of infr. pr.-17	UKRINF	9	07.12.2017	550	45.75	45.00	46.50	48.4	1.63	-708	-(P)Ca/-
Fin. of infr. pr.-18	UKRINF	7.4	20.04.2018	690	45.50	44.50	46.50	41.3	2.07	-514	-/Ca/-
Municipals											
City of Kiev-15	CITKIE	8	06.11.2015	250	49.58	48.42	50.75	243.0	0.21	11,119	CC/Ca/CC
City of Kiev-16	CITKIE	9.38	11.07.2016	300	46.63	44.50	48.75	96.9	0.70	963	CC/Ca/CC
Corporates											
Mriya-16	MRIYA	10.95	30.03.2016	250	13.75	12.26	15.24	flat	0.27	-	WD/-/NR
Mriya-18	MRIYA	9.45	19.04.2018	400	N/A	N/A	N/A	flat	1.78	#VALUE!	WD/-/NR
Ukrlandfarming-18	UKRLAN	10.88	26.03.2018	500	50.63	49.76	51.49	42.3	1.92	-704	WD/-/CC
Ferrexpo-16	FXPOLN	7.88	07.04.2016	500	84.65	83.25	86.05	29.2	0.74	-5,585	CCC/Caa3/CCC+
Ferrexpo-19	FXPOLN	10.38	07.04.2019	161	85.17	84.00	86.33	15.6	2.61	-2,212	CCC/Caa3/CCC+
MHP-20	MHPSA	8.25	02.04.2020	750	84.35	83.45	85.25	12.7	3.73	-1,172	CCC/-/CCC-
DTEK-18	DTEKUA	7.88	04.04.2018	750	45.58	44.50	46.67	42.5	2.01	-512	C/Ca/-
Metinvest-15	METINV	10.25	20.05.2049	500	69.75	68.00	71.50	flat	6.96	-	NR/WR/-
Metinvest-17	METINV	10.5	28.11.2017	290	59.50	58.00	61.00	36.5	1.16	-3,185	C/-/-
Metinvest-18	METINV	8.75	14.02.2018	750	58.08	57.00	59.17	33.3	1.97	-1,491	C/Caa3/-
Ukraine Railways-18	RAILUA	9.5	21.05.2018	500	57.83	56.67	59.00	32.6	2.02	-1,474	C/-/CC
Avangard-15	AVINPU	10	29.10.2015	200	57.19	55.88	58.49	191.1	0.24	6,328	WD/ /-
Interpipe-17	INPIP	10.25	02.08.2017	200	27.50	25.00	30.00	103.4	1.11	3,356	C/-/NR
Banks											
PrivatBank-15	PRBANK	9.38	23.09.2015	200	65.50	64.00	67.00	172.1	0.21	-13,226	CC/Cau/CCC-
PrivatBank-16 (sub.)	PRBANK	5.80	09.02.2016	150	44.50	43.00	46.00	166.3	0.38	5,580	-/Cu/-
Privatbank-18	PRBANK	10.88	28.02.2018	175	65.50	64.00	67.00	30.1	2.00	-1,765	CC/Cau/CCC-
Ukreximbank-15	EXIMUK	8.38	27.07.2015	750	75.50	74.00	77.00	flat	0.13	-	RD/Ca/-
Ukreximbank-16 (sub.)	EXIMUK	5.79	09.02.2016	125	49.00	47.00	51.00	142.1	0.41	3,443	C/C/-
Ukreximbank-18	EXIMUK	8.75	22.01.2018	600	67.50	66.50	68.50	26.5	2.01	-2,100	C/Ca/-
Oschadbank-16	OSCHAD	8.25	10.03.2016	700	68.50	67.50	69.50	65.1	0.58	-2,923	CC/Ca/-
Oschadbank-18	OSCHAD	8.88	20.03.2018	500	67.50	66.50	68.50	25.8	2.16	-1,907	CC/Ca/-
Nadra-17 (restr.)	NADRA	9.38	05.12.2017	N/A	N/A	N/A	N/A	N/A	N/A	-	-/-/-
VAB Bank-19 (restr.)	VABANK	9.00	14.06.2019	125	4.00	2.00	6.00	flat	1.50	-	WD/WR/-
Fin&Credit-19 (restr.)	FICBUA	9.25	25.01.2019	100	25.00	20.00	30.00	65.0	1.92	1,578	-/-/-
PUMB-18	PUMBUZ	11.00	31.12.2018	275	52.50	51.00	54.00	34.6	1.89	-1,540	NR/WR/-

Source: Bloomberg, ESCP

Eurobonds yield curve



OVDP yield curve



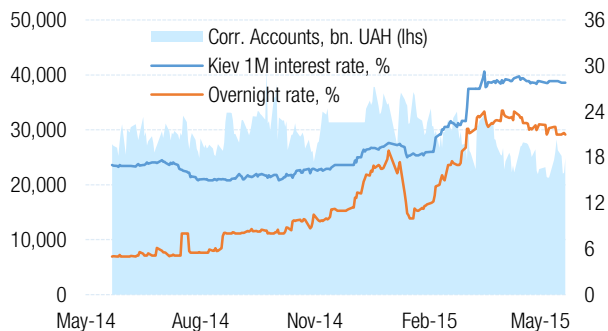
Source: TRDATA

OVDP auction results

Date	ISIN	Maturity	Coupon	Avg. YTM	Auction Bids, UAH mn	Amnt placed, UAH mn	Num. of bids accepted
24.02.2015	UA4000189021	01.02.2017	16.70%	16.70%	19	19	1
18.02.2015	UA4000189294	17.03.2015	8.75%	8.75%	USD 40 mn	USD 40 mn	1
17.02.2015	UA4000189294	17.03.2015	8.75%	8.75%	USD 100 mn	USD 100 mn	1
05.02.2015	UA4000189013	24.03.2015	8.75%	8.75%	USD 100 mn	USD 100 mn	1
03.02.2015	UA4000189021	01.02.2017	16.70%	16.70%	24	24	1
03.02.2015	UA4000189013	24.03.2015	8.75%	8.75%	USD 61 mn	USD 61mn	1
27.01.2015	UA4000188940	24.04.2015	17.00%	17.00%	3,073	3,073	3
26.01.2015	UA4000188940	24.04.2015	17.00%	17.00%	1,500	1,500	2
16.01.2015	UA4000188791	01.04.2015	17.00%	17.00%	2,509	2,509	3
15.01.2015	UA4000188791	01.04.2015	17.00%	17.00%	3,227	3,227	4
26.12.2014	UA4000188536	11.12.2019	14.25%	14.25%	903	903	1
19.12.2014	UA4000188429	04.12.2019	14.25%	14.25%	500	500	1
16.12.2014	UA4000188429	04.12.2019	14.25%	14.25%	1,000	1,000	1
15.12.2014	UA4000188379	23.11.2016	17.60%	17.60%	1,000	1,000	1

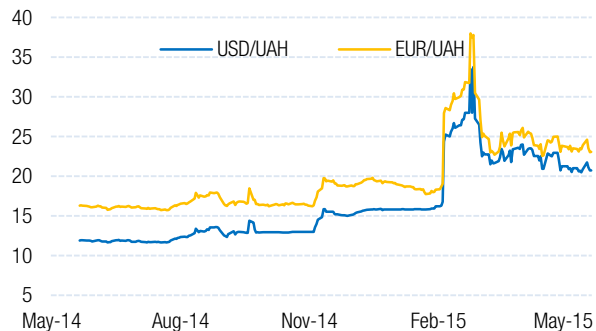
Source: Ministry of Finance of Ukraine

Liquidity indicators



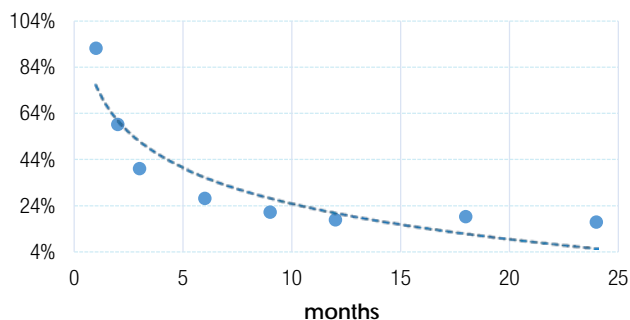
Source: NBU, Bloomberg

Exchange rate dynamics



Source: Bloomberg

UAH/USD NDF implied yield curve



Source: Bloomberg, ESCP estimates

CDS USD 5Y: Ukraine and comparables



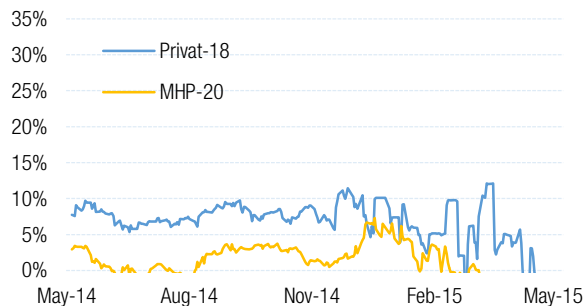
Source: Bloomberg

Spread of 10-y sov. issue to U.S. Treasuries



Source: Bloomberg

Spread of corp. issues to Ukraine gov. bonds



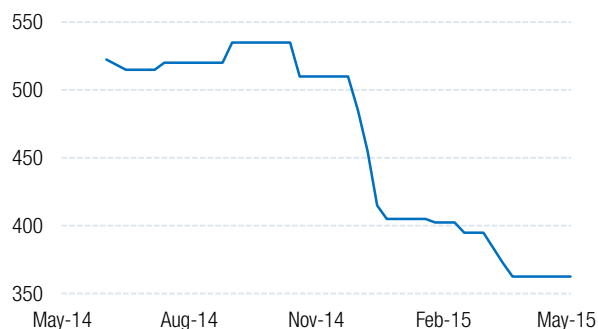
Source: Bloomberg

S&P GSCI Agriculture index



Source: Bloomberg

Ukraine hot-rolled coil, FOB \$/t



Source: Bloomberg

Important disclosure

20a Kozhumiatska Street

Kyiv, Ukraine, 04071

For direct sales inquiries call: + 38 (044) 237-7727, NY: +1 (917) 475-0447

Fax: + 38 (044) 237-7727

Email: research@empirestatecap.com

Our website: www.empirestatecap.com

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