

Regional Fixed Income Market Watch

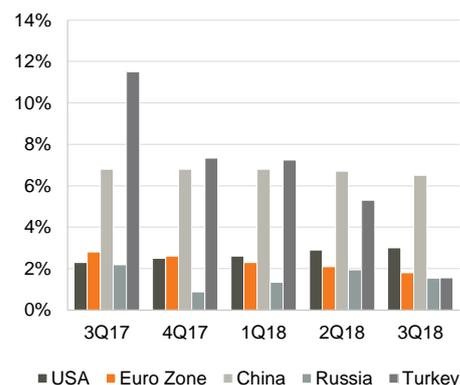
Georgia, Armenia, Azerbaijan, Belarus, Kazakhstan, Ukraine

Regional | Fixed Income
Monthly Bulletin
December 20, 2018

Highlights

- Real GDP growth in the US was an annualized 3.5% y/y (2nd estimate) in 3Q18. Unemployment rate was 3.7% in November 2018, unchanged from previous month.
- Real GDP growth in EU19 was revised down to 1.6% y/y in 3Q18, from initial estimate of 1.7% y/y. Unemployment rate in EU19 was unchanged at 8.1% in October 2018.
- Turkish economy grew by 1.6% y/y in 3Q18 and real GDP growth averaged 4.5% y/y in 9M18.
- Economic growth accelerated and came in at 6.7% y/y in Georgia, 5.2% y/y in Kazakhstan, 3.5% y/y in Russia and 3.0% y/y in Armenia in October 2018, based on rapid estimates. In 10M18, real GDP growth was 3.5% y/y in Belarus and 0.8% y/y in Azerbaijan.
- Annual inflation in the US was 2.2% in November 2018, down from 2.5% in previous month. Based on the Eurostat flash estimate, annual inflation in EU19 was 2.0% in November 2018, down from 2.2% in October 2018.
- In November 2018, annual inflation was below the target level in Armenia (1.8%), Georgia (1.9%), Russia (3.8%) and Belarus (5.0%); inflation was within the target range in Kazakhstan (5.3%), and above the target in Ukraine (10.0%) and Turkey (21.6%).
- Monetary policy rate was raised to 7.75% from 7.5% in Russia as of 17 December 2018 and has remained unchanged in other countries.

GDP growth rate, y/y



Source: Central banks, Statistics Offices, Bloomberg

Key macro indicators

	GDP, % change			GDP, US\$ bn			GDP per capita, US\$			Inflation, period average			Fiscal balance, % of GDP			Current account balance, % of GDP		
	2017	2018F	2019F	2017	2018F	2019F	2017	2018F	2019F	2017	2018F	2019F	2017	2018F	2019F	2017	2018F	2019F
Armenia	7.5%	6.0%	4.8%	11.5	12.5	13.3	3,857	4,190	4,447	0.9%	3.0%	4.4%	-4.8%	-2.7%	-2.2%	-2.8%	-3.8%	-3.8%
Azerbaijan	0.1%	1.3%	3.6%	40.7	45.6	48.1	4,141	4,587	4,779	13.0%	3.5%	3.3%	-1.7%	4.8%	6.5%	4.1%	6.6%	8.1%
Belarus	2.4%	4.0%	3.1%	54.4	56.9	60.0	5,727	6,020	6,372	6.0%	5.5%	5.5%	-0.3%	-2.4%	-4.3%	-1.7%	-2.5%	-4.2%
Georgia	4.8%	5.0%	4.6%	15.1	16.5	17.2	4,047	4,400	4,600	6.0%	2.8%	3.1%	-0.9%	-0.9%	-2.2%	-8.8%	-9.0%	-9.5%
Kazakhstan	4.0%	3.7%	3.1%	159.4	184.2	195.7	8,762	9,977	10,447	7.4%	6.4%	5.6%	-6.4%	1.4%	1.4%	-3.4%	-0.2%	0.2%
Ukraine	2.5%	3.5%	2.7%	112.1	126.4	132.9	2,656	2,964	3,133	14.4%	10.9%	7.3%	-2.2%	-2.5%	-2.6%	-1.9%	-3.1%	-3.9%
Russia	1.5%	1.7%	1.8%	1,577.5	1,576.5	1,649.2	10,956	10,950	11,461	3.7%	2.8%	5.1%	-1.5%	1.6%	1.8%	2.2%	6.2%	5.2%
Turkey	7.4%	3.5%	0.4%	851.5	713.5	631.2	10,537	8,716	7,615	11.1%	15.0%	16.7%	-2.3%	-4.0%	-5.1%	-5.6%	-5.7%	-1.4%

Source: IMF, Statistic Offices, Central Banks

Sovereign credit ratings

	Fitch			Moody's			S&P		
	LC	FC	Outlook	LC	FC	Outlook	LC	FC	Outlook
Armenia	B+	B+	positive	B1	B1	positive	NA	NA	NA
Azerbaijan	BB+	BB+	stable	Ba2	Ba2	stable	BB+	BB+	stable
Belarus	B	B	stable	B3	B3	stable	B	B	stable
Georgia	BB-	BB-	positive	Ba2	Ba2	stable	BB-	BB-	stable
Kazakhstan	BBB	BBB	stable	Baa3	Baa3	stable	BBB-	BBB-	stable
Ukraine	B-	B-	stable	Caa2	Caa2	positive	B-	B-	stable
Russia	BBB-	BBB-	positive	Ba1	Ba1	positive	BBB	BBB-	stable
Turkey	BB+	BB	negative	Ba3	Ba3	negative	BB-	B+	stable

Source: Fitch Ratings, S&P Global, Moody's

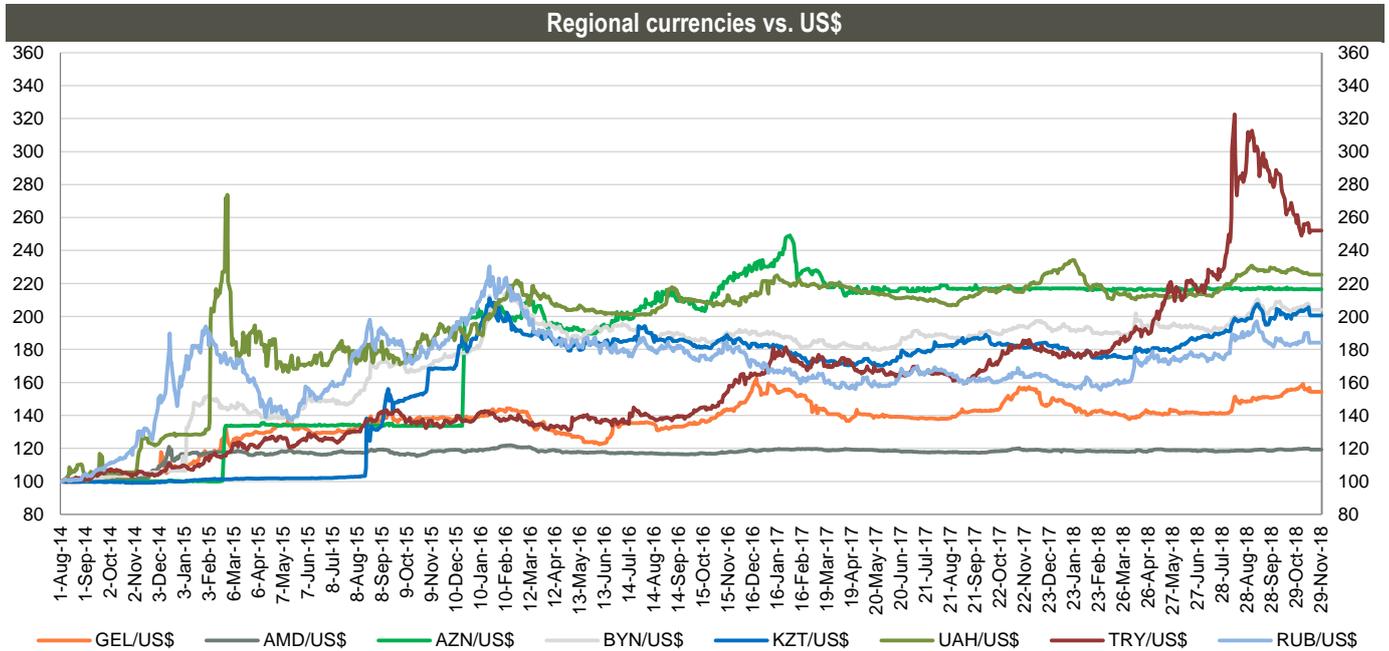
Monetary stance

	Inflation, y/y		MPR
	Nov-18	Nov-18	
Armenia	1.8%	6.0%	
Azerbaijan	0.9%*	9.75%	
Belarus	5.0%	10.0%	
Georgia	1.9%	7.0%	
Kazakhstan	5.3%	9.25%	
Ukraine	10.0%	18.0%	
Russia	3.8%	7.5%	
Turkey	21.6%	24.0%	

Source: Central banks, Statistics Offices

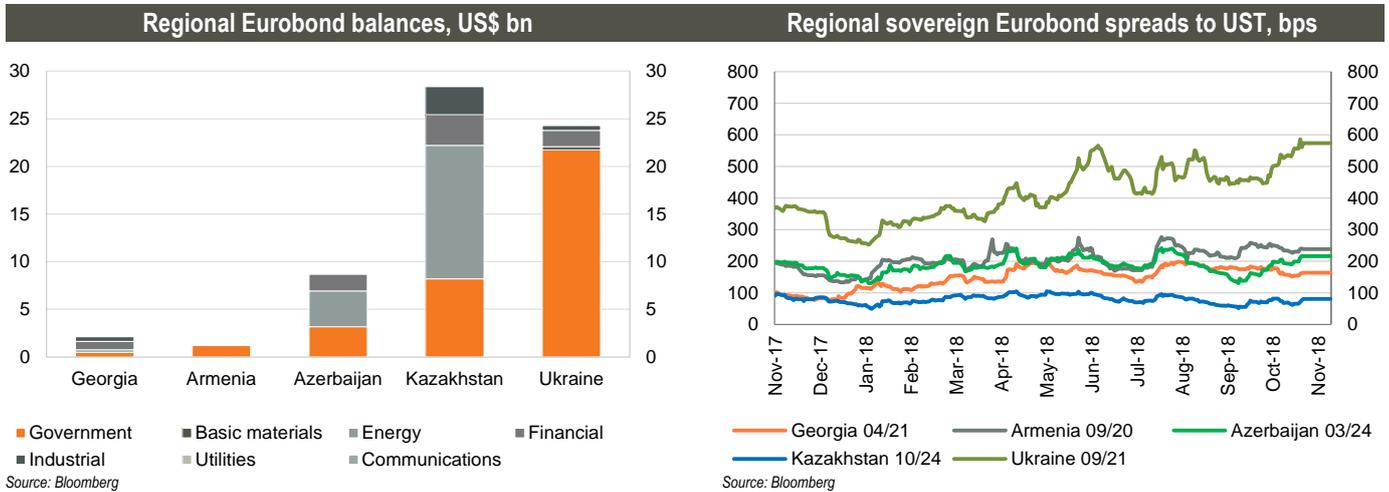
* Oct-18

Eurobonds



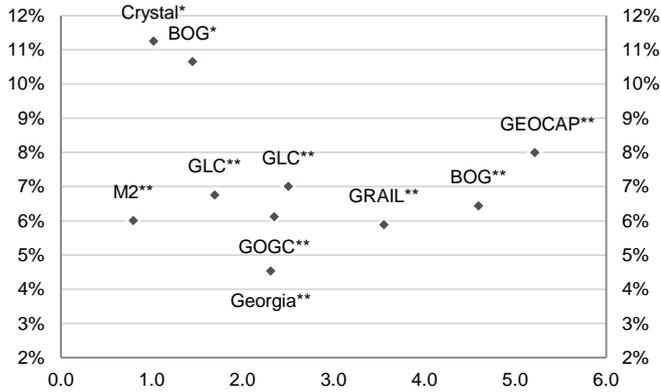
Source: Bloomberg

Note: National currency per US\$; Index growth means depreciation of the local currency, index decline means appreciation of the local currency; Aug-2014=100



Snapshot: Georgia

Yield curve



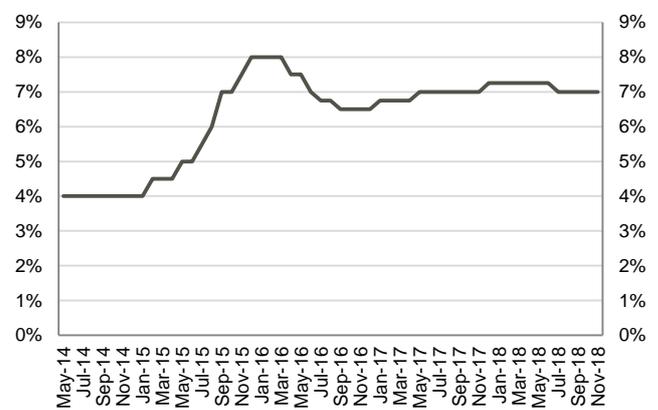
Remaining maturity

*In GEL

**In US\$

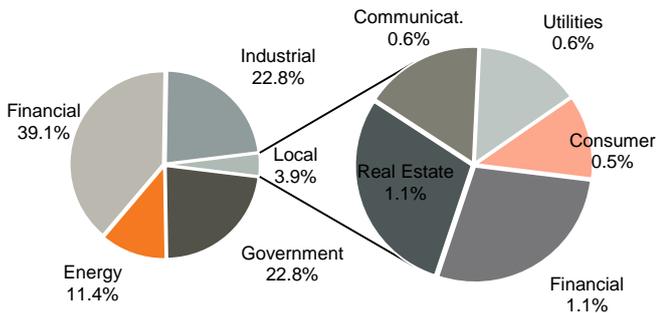
Source: Bloomberg, Galt & Taggart

Monetary policy rate



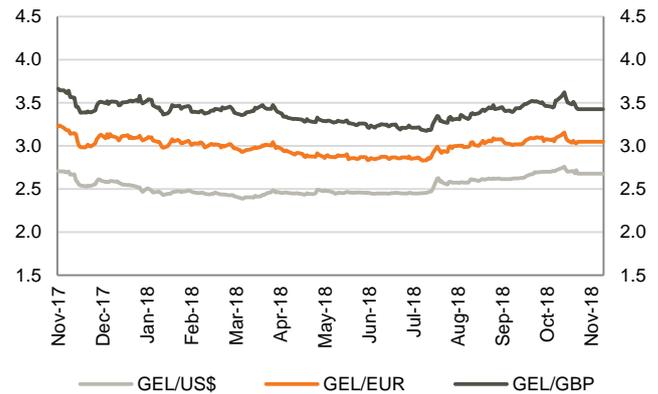
Source: National Bank of Georgia

Bond universe by sector (US\$ 2.2bn total)



Source: Bloomberg

Foreign exchange rates



Source: Bloomberg

Bond performance

Issuer	Currency	Sector	Ticker	Maturity	Coupon	Issue Ratings (Fitch/S&P/Moody's/Scope)	Size (Currency mn)	Bid price	YTM Mid	Exchange
Republic Of Georgia	US\$	Government	GEORG	Apr-21	6.88%	BB-/BB-/Ba2/-	500	105.08	4.41	London
Georgian Oil & Gas Corp	US\$	Energy	GEOROG	Apr-21	6.75%	BB-/B+/-/-	250	100.35	6.43	London
Bank Of Georgia	US\$	Financial	GEBGG	Jul-23	6.00%	BB-/B-/Ba2/-	350	97.58	6.51	Dublin
Bank Of Georgia	GEL	Financial	GEBGG	Jun-20	11.00%	BB-/B-/Ba2/-	500	99.60	10.65	Dublin
Georgian Railway	US\$	Industrial	GRAIL	Jul-22	7.75%	B+/B+/-/-	500	103.52	6.52	London
Georgia Capital	US\$	Financial	GEOCAP	Mar-24	6.13%	-B+/B2/-	300	90.90	8.24	Dublin
GWP	GEL	Utilities	GEWRPW	Dec-21	10.50%**	BB-*/-/-/-	30	N/A	N/A	Georgia
M2 Real Estate	US\$	Real Estate	\$M204J	Oct-19	7.50%	-/-/-	25	101.16	6.00	Georgia
Georgian Leasing Co	US\$	Financial	\$GLC02K	Aug-20	7.00%	B+/-/-/-	10	100.38	6.75	Georgia
Georgian Leasing Co	US\$	Financial	\$GLC03L	Jun-21	6.50%	B+/-/-/-	5	98.87	7.00	Georgia
Nikora	US\$	Consumer	\$NKR01J	Jun-19	9.00%	-/-/B+*	10	N/A	N/A	Georgia
Silknet	GEL	Communications	\$SLK01M	Aug-22	10.50%**	B+*/-/-/-	34	N/A	N/A	Georgia
MFO Crystal	GEL	Financial	#CRS01J	Dec-19	11.50%**	B/-/-/-	10	100.89	11.25	Georgia

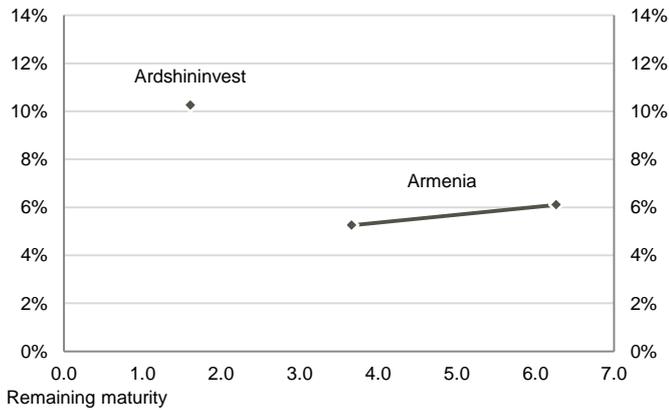
*Company ratings

**Floating rate

Source: Bloomberg, Galt & Taggart

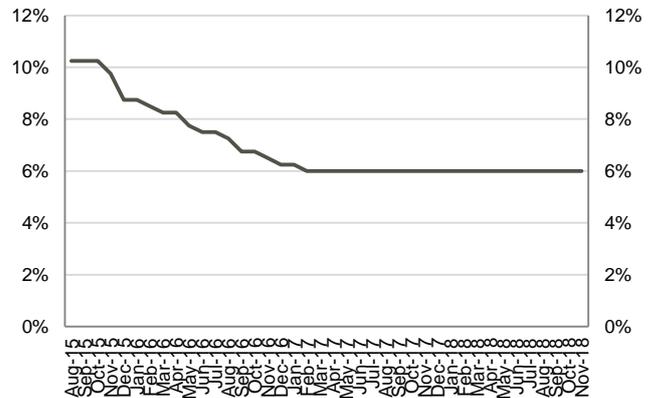
Snapshot: Armenia

Yield curve



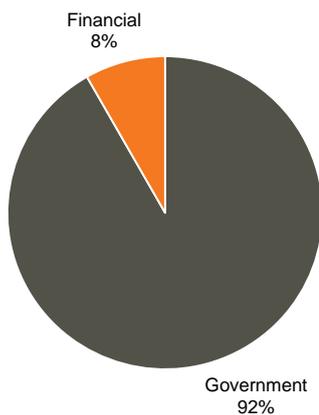
Source: Bloomberg

Monetary policy rate



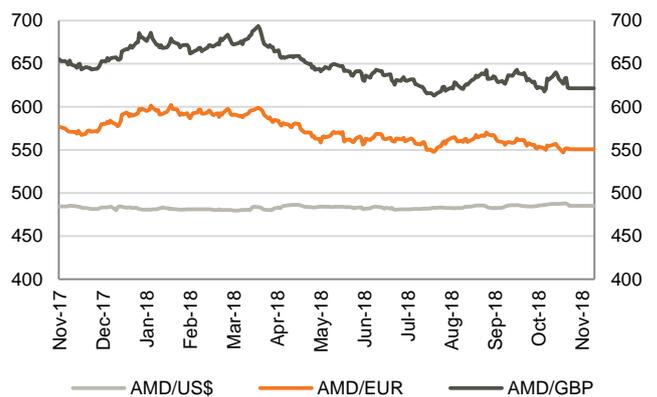
Source: Central Bank of Armenia

Bond universe by sector (US\$ 1.3bn total)



Source: Bloomberg

Foreign exchange rates



Source: Bloomberg

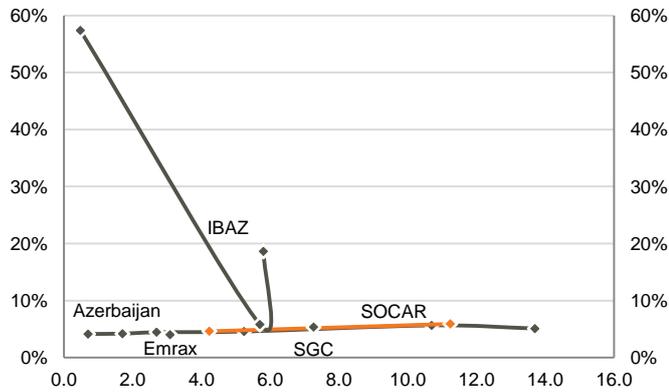
Bond performance

Issuer	Currency	Sector	Ticker	Maturity	Coupon	Issue Ratings (Fitch/S&P/Moody's)	Size (Currency mn)	Bid price	YTM Mid	Exchange
Republic Of Armenia	US\$	Government	ARMEN	Sep-20	6.00%	B+/-/B1	700	100.77	5.25	Dublin
Republic Of Armenia	US\$	Government	ARMEN	Mar-25	7.15%	B+/-/B1	500	105.03	6.10	Dublin
Ardshinvestbk	US\$	Financial	ARBANK	Jul-20	12.00%	B+/-/B1	100	102.00	10.25	Dublin
Armswissbank	US\$	Financial	ARMSWI	Apr-19	8.00%	-/-	3	N/A	N/A	Armenia
Armswissbank	US\$	Financial	ARMSWI	Apr-20	8.50%	-/-	5	N/A	N/A	Armenia

Source: Bloomberg

Snapshot: Azerbaijan

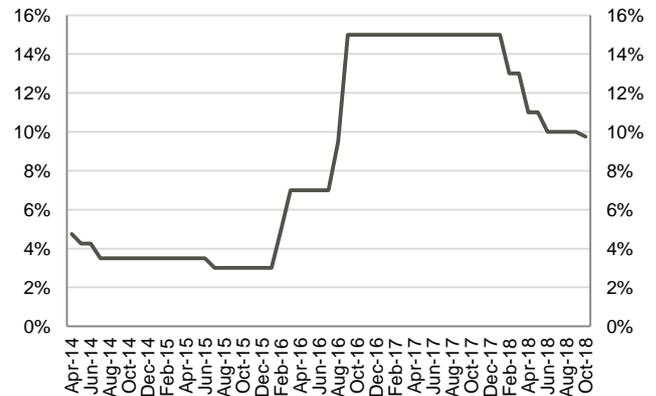
Yield curve



Remaining maturity

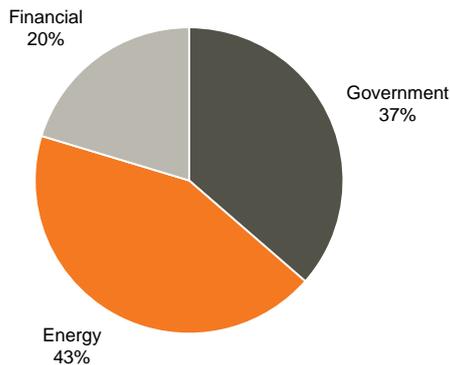
Source: Bloomberg

Monetary policy rate



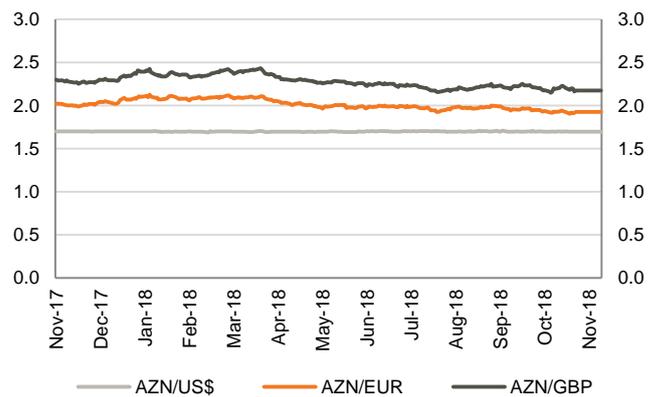
Source: Central Bank of Azerbaijan

Bond universe by sector (US\$ 8.7bn total)



Source: Bloomberg

Foreign exchange rates



Source: Bloomberg

Bond performance

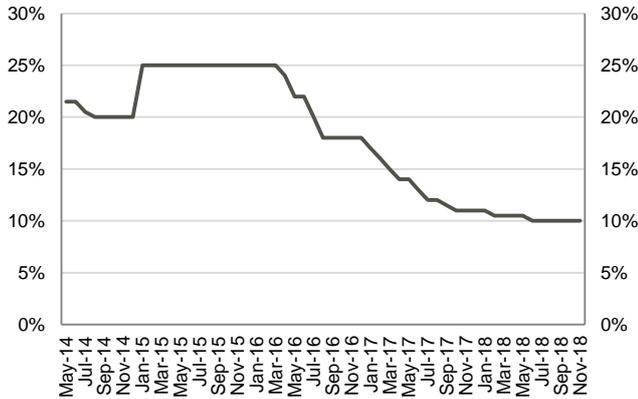
Issuer	Currency	Sector	Ticker	Maturity	Coupon	Issue Ratings (Fitch/S&P/Moody's)	Size (Currency mn)	Bid price	YTM Mid	Exchange
Republic Of Azerbaijan	US\$	Government	AZERBJ	Sep-19	2.82%	BB+/-/Ba2	174	98.94	4.15	Not Listed
Republic Of Azerbaijan	US\$	Government	AZERBJ	Sep-20	2.82%	BB+/-/Ba2	174	97.50	4.21	Not Listed
Republic Of Azerbaijan	US\$	Government	AZERBJ	Sep-21	2.82%	BB+/-/Ba2	174	95.27	4.45	Not Listed
Republic Of Azerbaijan	US\$	Government	AZERBJ	Mar-24	4.75%	BB+/-/Ba2	1,250	100.51	4.59	Stuttgart
Republic Of Azerbaijan	US\$	Government	AZERBJ	Sep-29	5.13%	BB+/-/Ba2	311	95.46	5.66	Not Listed
Republic Of Azerbaijan	US\$	Government	AZERBJ	Sep-32	3.50%	BB+/-/Ba2	1,077	84.11	5.11	Not Listed
Southern Gas Corridor	US\$	Energy	SGCAZE	Mar-26	6.88%	BB+/-/Ba2	2,000	108.57	5.39	Dublin
SOCAR	US\$	Energy	SOIAZ	Mar-23	4.75%	BB+/-/Ba2	1,000	100.32	4.62	London
SOCAR	US\$	Energy	SOIAZ	Mar-30	6.95%	BB+/-/NR	750	108.23	5.90	London
Emraxbank	US\$	Financial	EMRXAZ	Jan-22	9.00%	-/-	10	114.00	4.05	Baku
IBAZ	US\$	Financial	IBAZAZ	Jun-19	5.63%	WD/-/WR	500	78.88	57.39	Stuttgart
IBAZ	US\$	Financial	IBAZAZ	Sep-24	3.50%	B/-/-	1,000	88.08	5.79	Not Listed
IBAZ	US\$	Financial	IBAZAZ	Oct-24	8.25%	-/-/WR	250	63.25	18.65	Dublin

Source: Bloomberg



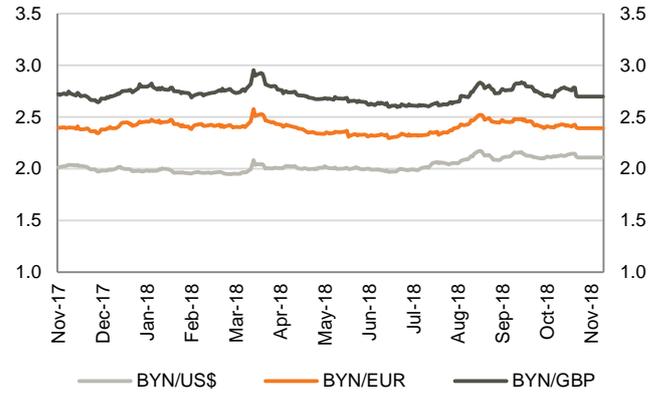
Snapshot: Belarus

Monetary policy rate



Source: National Bank of Belarus

Foreign exchange rates



Source: Bloomberg

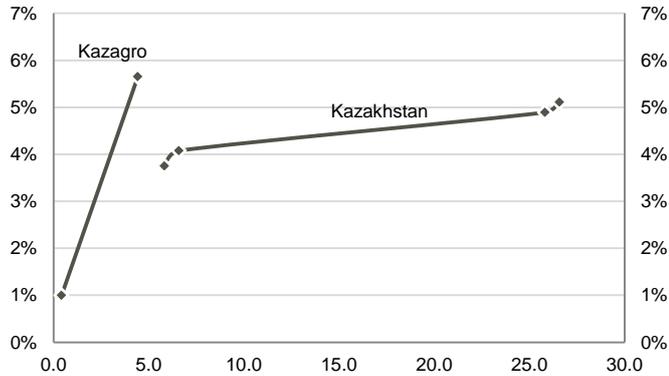
Bond performance

Issuer	Currency	Sector	Ticker	Maturity	Coupon	Issue Ratings (Fitch/S&P/Moody's)	Size (Currency mn)	Bid price	YTM Mid	Exchange
Republic Of Belarus	US\$	Government	BELRUS	Feb-23	6.88%	B/B/B3	800	102.50	6.11	Dublin
Republic Of Belarus	US\$	Government	BELRUS	Jun-27	7.63%	B/B/B3	600	102.65	7.16	Dublin
Republic Of Belarus	US\$	Government	BELRUS	Feb-30	6.20%	B/B/-	600	92.24	7.18	Dublin

Source: Bloomberg

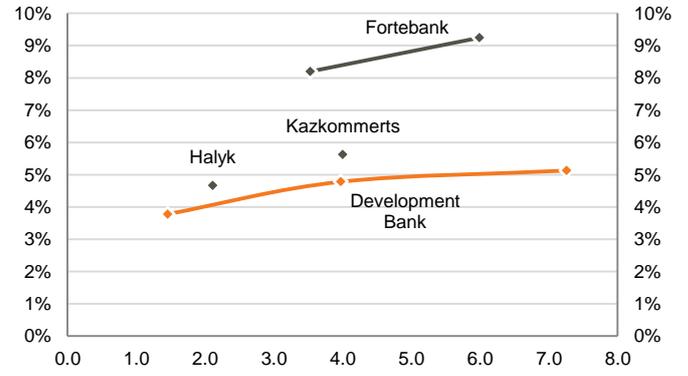
Snapshot: Kazakhstan

Yield curve (sovereign)



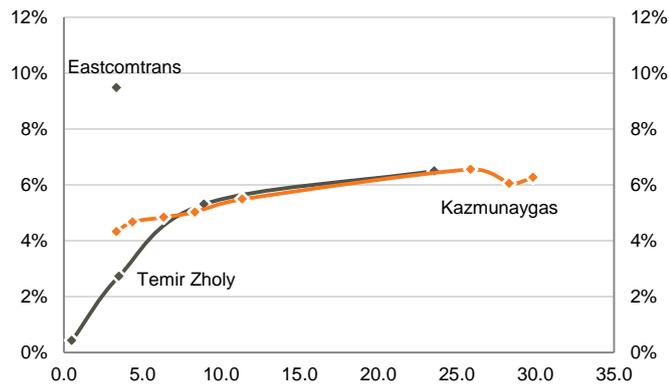
Remaining maturity
Source: Bloomberg

Yield curve (banks)



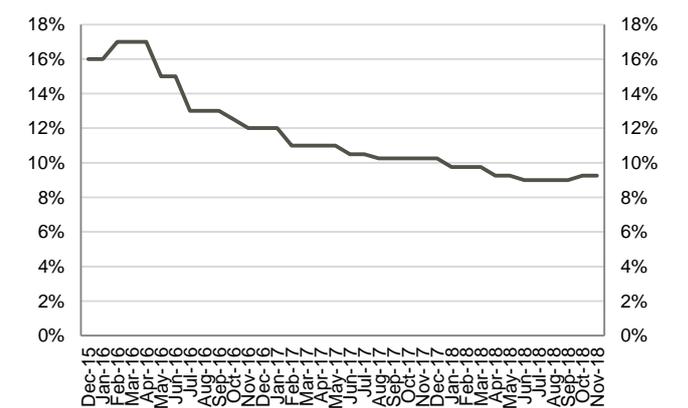
Remaining maturity
Source: Bloomberg

Yield curve (other sectors)



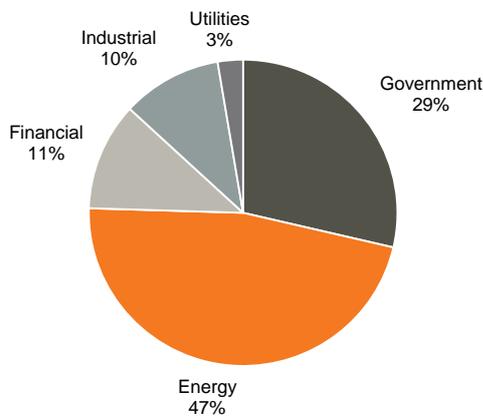
Remaining maturity
Source: Bloomberg

Monetary policy rate



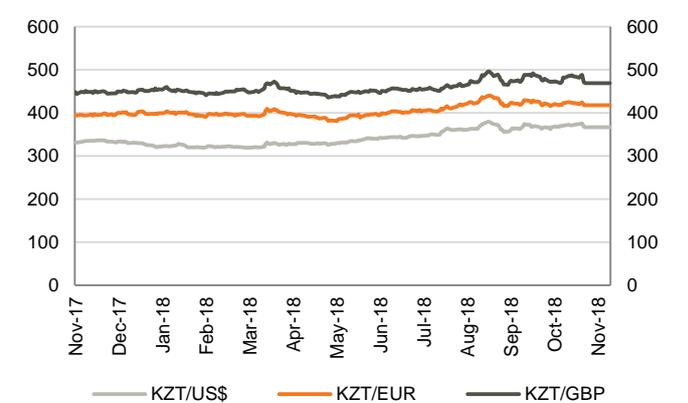
Source: National Bank of Kazakhstan

Bond universe by sector (US\$ 28.4bn total)



Source: Bloomberg

Foreign exchange rates



Source: Bloomberg

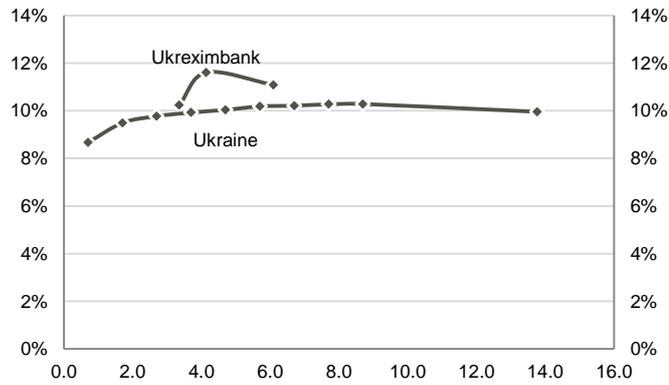
Bond performance

Issuer	Currency	Sector	Ticker	Maturity	Coupon	Issue Ratings (Fitch/S&P/Moody's)	Size (Currency mn)	Bid price	YTM Mid	Exchange
Republic Of Kazakhstan	US\$	Government	KZAKS	Oct-24	3.88%	BBB/BBB-/Baa3	1,500	100.39	3.75	London
Republic Of Kazakhstan	US\$	Government	KZAKS	Jul-25	5.13%	BBB/BBB-/Baa3	2,500	105.81	4.08	London
Republic Of Kazakhstan	US\$	Government	KZAKS	Oct-44	4.88%	BBB/BBB-/Baa3	1,000	99.56	4.89	London
Republic Of Kazakhstan	US\$	Government	KZAKS	Jul-45	6.50%	BBB/BBB-/Baa3	1,500	119.86	5.11	London
Kazagro Natl Mgmt Hldg	EUR	Government	KAZNMH	May-19	3.26%	BBB-/NR/Ba1	600	100.62	1.00	Dublin
Kazagro Natl Mgmt Hldg	US\$	Government	KAZNMH	May-23	4.63%	BBB-/NR/Ba1	1,000	95.92	5.65	Dublin
Kazmunaygas National Co	US\$	Energy	KZOKZ	May-20	7.00%	BBB-/BB/WR	1,500	N/A	N/A	Frankfurt
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-21	6.38%	BBB-/BB/WR	1,250	N/A	N/A	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-22	3.88%	BBB-/BB/Baa3	500	98.38	4.33	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-23	4.40%	BBB-/BB/Baa3	1,000	98.67	4.67	Kazakhstan
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-25	4.75%	BBB-/BB/Baa3	500	99.25	4.84	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	May-25	4.88%	BBB-/BB/Baa3	500	N/A	N/A	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-27	4.75%	BBB-/BB/Baa3	1,000	97.88	5.03	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-30	5.38%	BBB-/BB/Baa3	1,250	98.81	5.49	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-43	5.75%	BBB-/BB/WR	2,000	N/A	N/A	Kazakhstan
Kazmunaygas National Co	US\$	Energy	KZOKZ	Nov-44	6.00%	BBB-/BB/Baa3	1,000	92.63	6.56	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Apr-47	5.75%	BBB-/BB/Baa3	1,250	95.62	6.05	London
Kazmunaygas National Co	US\$	Energy	KZOKZ	Oct-48	6.38%	BBB-/BB/Baa3	1,500	101.12	6.27	London
Kaztransgas	US\$	Utilities	KZTGKZ	Sep-27	4.38%	BBB-/BB/Baa3	750	92.93	5.37	Dublin
Development Bank Of Kaz.	US\$	Financial	DBKAZ	Jun-20	6.50%	BBB-/BB+/Baa3	100	103.52	3.78	Kazakhstan
Development Bank Of Kaz.	US\$	Financial	DBKAZ	Dec-22	4.13%	BBB-/BB+/Baa3	1,425	97.39	4.78	London
Development Bank Of Kaz.	US\$	Financial	DBKAZ	Mar-26	6.00%	BBB-/BB+/Baa3	150	104.90	5.13	Kazakhstan
Fortebank	US\$	Financial	ALLIBK	Jun-22	14.00%	NR/B/-	61	116.77	8.20	Kazakhstan
Fortebank	US\$	Financial	ALLIBK	Dec-24	11.75%	B/B/-	237	111.00	9.24	Kazakhstan
Halyk Savings Bank-Kaz.	US\$	Financial	HSBKKZ	Jan-21	7.25%	BB/BB/Ba3	500	104.96	4.67	London
Kazkommertsbank	US\$	Financial	KKB	Dec-22	5.50%	BB/BB/-	750	99.20	5.63	Kazakhstan
Eastcomtrans	US\$	Industrial	EASTCM	Apr-22	8.00%	WD/-/B3	100	95.04	9.49	London
Kazakhstan Temir Zholy	CHF	Industrial	KTZKZ	Jun-19	2.59%	BBB-/BB-/Baa3	100	100.93	0.42	Zurich
Kazakhstan Temir Zholy	US\$	Industrial	KTZKZ	Oct-20	6.38%	WD/NR/WR	700	N/A	N/A	London
Kazakhstan Temir Zholy	CHF	Industrial	KTZKZ	Jun-22	3.64%	BBB-/BB-/Baa3	185	102.04	2.73	Zurich
Kazakhstan Temir Zholy	US\$	Industrial	KTZKZ	Nov-27	4.85%	BBB-/BB-/Baa3	780	96.54	5.31	Dublin
Kazakhstan Temir Zholy	US\$	Industrial	KTZKZ	Jul-42	3.88%	BBB-/BB-/Baa3	1,100	105.16	6.50	London

Source: Bloomberg

Snapshot: Ukraine

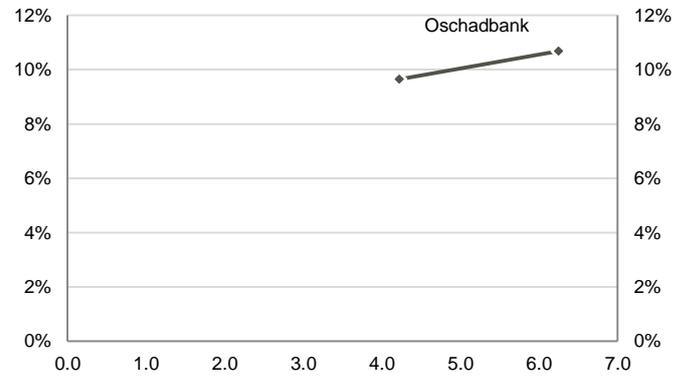
Yield curve (sovereign)



Remaining maturity

Source: Bloomberg

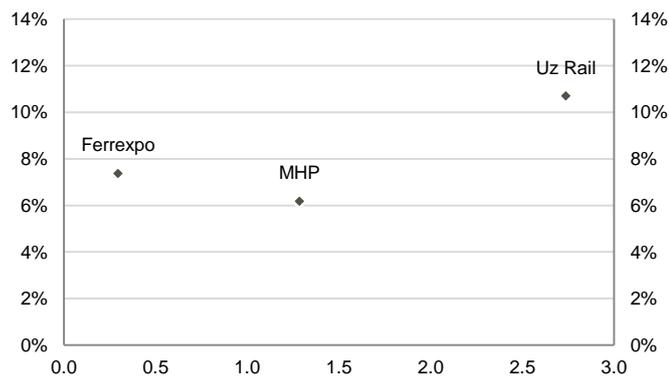
Yield curve (banks)



Remaining maturity

Source: Bloomberg

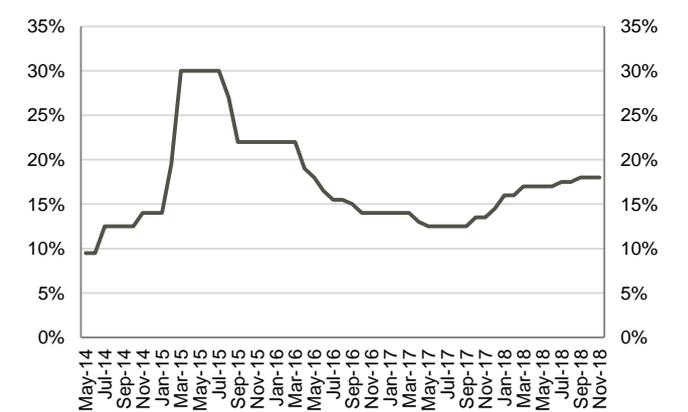
Yield curve (other sectors)



Remaining maturity

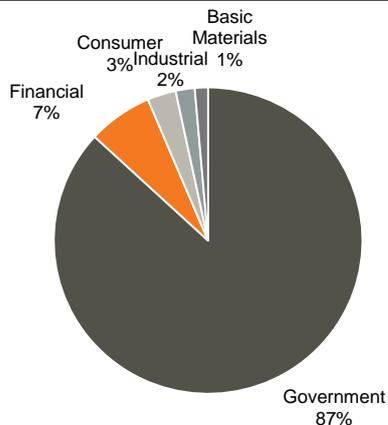
Source: Bloomberg

Monetary policy rate



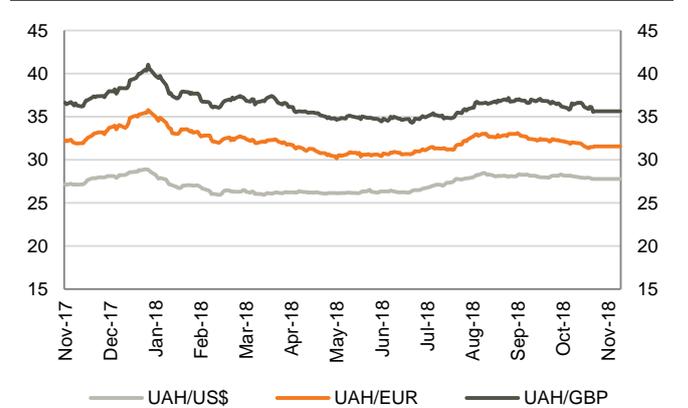
Source: National Bank of Ukraine

Bond universe by sector (US\$ 25.0bn total)



Source: Bloomberg

Foreign exchange rates



Source: Bloomberg

Bond performance

Issuer	Currency	Sector	Ticker	Maturity	Coupon	Issue Ratings (Fitch/S&P/Moody's)	Size (Currency mn)	Bid price	YTM Mid	Exchange
Ukraine Government	US\$	Government	UKRAIN	Sep-19	7.75%	B-/B-/Caa2	1,822	99.00	8.67	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-20	7.75%	B-/B-/Caa2	1,780	97.01	9.49	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-21	7.75%	B-/B-/Caa2	1,409	95.00	9.77	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-22	7.75%	B-/B-/Caa2	1,384	93.06	9.92	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-23	7.75%	B-/B-/Caa2	1,355	91.24	10.04	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-24	7.75%	B-/B-/Caa2	1,339	89.36	10.18	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-25	7.75%	B-/B-/Caa2	1,329	87.99	10.21	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-26	7.75%	B-/B-/Caa2	1,318	86.63	10.27	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-27	7.75%	B-/B-/Caa2	1,307	85.36	10.28	Dublin
Ukraine Government	US\$	Government	UKRAIN	Sep-32	7.38%	B-/B-/-	3,000	80.70	9.95	Dublin
Ukraine Government	US\$	Government	UKRAIN	May-40	0.00%	-B-/-	3,239	57.89	N/A	Dublin
Aid-Ukraine	US\$	Government	AID	Sep-21	1.47%	-/-/-	1,000	96.69	2.69	Frankfurt
Ukreximbank	US\$	Government	EXIMUK	Apr-22	9.63%	B-/B-/Caa2	750	98.03	10.24	Dublin
Ukreximbank	US\$	Government	EXIMUK	Feb-23	9.00%	CCC-/Caa3	125	93.46	11.61	Dublin
Ukreximbank	US\$	Government	EXIMUK	Jan-25	9.75%	B-/B-/Caa2	600	93.99	11.08	Dublin
Ferrexpo Finance	US\$	Basic Materials	FXPOLN	Apr-19	10.38%	B+/B/Caa1	186	100.35	7.38	Dublin
Ferrexpo Finance	US\$	Basic Materials	FXPOLN	Apr-19	10.38%	B+/B/Caa1	161	100.52	7.54	Dublin
MHP	US\$	Consumer	MHPSA	Apr-20	8.25%	B/B/-	750	102.05	6.17	Dublin
First Ukr.	US\$	Financial	PUMBUZ	Dec-18	11.00%	NR/-/WR	275	100.01	-1.52	Zurich
Privatbank	US\$	Financial	PRBANK	Feb-21	11.00%	-/-/-	220	N/A	N/A	Channel Isl.
Oschadbank	US\$	Financial	OSCHAD	Mar-23	9.38%	B-/B-/Caa2	700	98.84	9.64	Dublin
Oschadbank	US\$	Financial	OSCHAD	Mar-25	9.63%	B-/B-/Caa2	500	94.97	10.68	Dublin
Uz Rail Via Shortline	US\$	Industrial	RAILUA	Sep-21	9.88%	B-/CCC+/-	500	97.92	10.70	Dublin

Source: Bloomberg

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