

... for the week 19th – 22nd June 2018



Summary

Global Economy

• The BOE held its benchmark rate steady at 0.5%, though its body language now tilts towards monetary tightening as three of the policy committee members voted for a 25bps hike. Elsewhere, as widely expected, Japan's core consumer index for May remained unchanged from April at 0.7% YoY. On the energy font, member states of OPEC reached an agreement to increase its output by reducing its compliance level from 152% in May to 100%. Based on our analysis, this is expected to bring an additional 700kbpd supply, as not all OPEC have spare capacity to raise production.

Domestic Economy

• This week, the DMO released Nigeria's debt stock for the first quarter of 2018. From the breakdown provided, FG's public debt expanded by 5.3% QoQ to N19.3 trillion in the period, reflecting a 17% QoQ expansion in external debt to \$22 billion (N6.7 trillion) even as domestic debt declined by 0.1% QoQ to N12.6 trillion. The increase was largely due to the \$2.5 billion Eurobond issued in the period. Elsewhere, total debt service printed at N713 billion (+39% YoY) with domestic debt service and external debt service expanding 36% YoY and 76% YoY to N643 billion and \$225 million respectively. Recent data (Credit conditions survey report for Q2 2018) on Nigeria's credit position shows credit supply to household expanded in Q2 18 on the back of increased liquidity position in the economy.

Equities

• The Nigerian equity market ended the week negative, losing 2.74% over the week with YTD performance back in the red (-1.0%). The negative run was driven by losses in bellwether stocks: Seplat (-9.26%), Dangcem (-5.86%), GTB (-1.93%) and Zenith (-1.89%). On a sectorial basis, the Personal care, Cement, Oil & gas, and Banks led the decliners.

Fixed Income

♦ Average yields in the Nigerian fixed income market rose 26bps WoW to 13.22% as liquidity strain and selloffs at the long end drove uptick at both ends of the curve. For context, average Treasury bill yields rose 36bps WoW to 12.9% WoW following strain on market liquidity by CBN's OMO issuance worth №137.4 billion split across the 219 and 93 day papers and FG's net repayment of №26.7 billion at this week's NTB auction. Also, at the long end following selloffs across varying long dated instruments average bond yields jumped 15bps WoW to 13.54%.



The week in Review

- ◆ The BOE held its benchmark rate steady at 0.5%, though its body language now tilts towards monetary tightening as three of the policy committee members voted for a 25bps hike. For us, the weather-induced growth slowdown in Q1 18 (0.1% YoY) and spiral of weak economic data might have necessitated the decision.
- Elsewhere, as widely expected, Japan's core consumer index for May remained unchanged from April at 0.7% YoY.
- On the energy font, member states of OPEC reached an agreement to increase its output by reducing its compliance level from 152% in May to 100%.

Global E	quities		Index	Retu	rns (%	Index	Characte	ristics	Global Fixed I	ncome					Global Currencies				
C ,	T 1	Level (in	WoW	YTD	52-	P/E	Mkt. Cap	Div.	-	1-Yr	WoW	10-yr	WoW	Inflatio	771 * 34	Pr	ior	WoW	YTD
Country	Index	\$)	(%)	(%)	$\mathbf{W}\mathbf{k}$	(\mathbf{x})	(\$'bn)	Yld (%)		Teno	(pps)	Tenor	(pps)	n (%)	This W	veek We	eek	(%)	(%)
US	S&P 500	2,761	-0.7	3.3	13.4	21.1		1.9	US	2.32		2.91	0.1	2.8	Euro (€) 1.2	1.	.2	0.4	-2.9
	NASDAQ	7,714	-0.4	11.7	23.7	23.6	11,699.6	1.0	UK	0.69	-0.1	1.32	0.0	2.4	GBP (£) 1.3	1.	.3	-0.1	-1.9
UK	FTSE ASI	7,682	0.6	-0.1	3.3	13.8		4.2	Euro	-0.25	3.2	0.89	-2.7	1.9	JPY (¥) 110.	.0 110	0.7	0.6	2.5
France	CAC 40	5,387	-2.1	1.4	2.0	17.0	990.4	3.3	Japan	-0.15	0.0	0.02	0.0	0.7	INR (Rs) 67.8	8 68	3.0	0.3	-5.8
Germany	XETRA DAX	12,580	-3.3	-2.6	-1.7	14.0		3.2	China	3.07	-2.2	3.53	-3.8	1.8	CNY (¥) 6.5	6.	.4	-1.0	0.0
Japan	NIKKEI 25	22,517	0.0	-1.1	11.8	17.2	5.5	1.9	India	7.02	-0.4	7.82	-0.9	3.97	MXN (\$) 20.	1 20	0.6	2.9	-2.0
China	Shanghai Com	2,890	0.0	-12.6	-8.5	14.0	4,608.3	2.6	Mexico	8.06	-0.2	7.73	1.7	4.51	RUB (p.) 63.0	0 63	5.1	0.3	-8.4
Brazil	Ibovespa	70,413	-0.5	-7.8	14.9	17.7	30.8	4.2	Turkey	19.24	-0.6	15.68	-0.2	12.15	ZAR (R) 63.0	0 63	5.1	0.3	-8.4
India	BSE Sens	35,690	0.2	4.8	14.1	22.5	516.4	1.5	Russia	6.95	1.8	4.27	-0.1	2.4	EGP (£) 17.9	9 17	8.	-0.1	-0.5
Russia	RTS	595	1.4	-1.6	19.6	6.4	2.8	6.5	Egypt	18.31	0.5	16.00	12.8	11.4	KES (sh) 100.	.7 10	1.1	0.4	2.5
Mexico	S&P/BMV IPO	46,533	-0.9	-5.7	-5.1	21.9		2.5	South Africa	7.78	0.4	9.26	1.1	4.4	GHS (¢ 17.9	9 17	8.	-0.1	-0.5
Turkey	Borsa Istanbul	95,852	1.4	-16.9	-4.2	7.6	0.4	4.7	Kenya	10.54	-1.6	12.91	0.0	4	XOF (F) 568.	.6 578	8.9	1.8	-0.8
	ı JCI Index	5,822	0.0	-8.4	-0.1	20.7	460.8	2.3	Ghana	15.00	0.0	19.00	0.0	9.81	XAF (F) 568.			1.5	-1.7
	a KASE Index	2,382	-0.7	10.1		8.1	1.2	65.8	Nigeria	11.50	4.5	13.78	-1.2	11.6	NGN (₦) 361.		1.1	-0.1	-0.4
Vietnam	VN Index	983	0.0	-0.1	27.8	18.6	133.1	1.5	Global Commo	odities					Global Indicators for t	the Week			
South	FTSE/JSE ASI	56,857	-14	-4.5	113	17.6		3.4			This	Prior	WoW	YTD		Lat	est	Prior	
Africa	1 101/101/101	30,037	-1.1	-1.5	11.5	17.0		3.1		,	Week	Week	(%)	(%)			.cst	11101	
Egypt	EGX 30	16,346	0.0	8.8	21.8	16.8	12.1	2.4	Brent Crude	\$/bbl	74.9	73.4	2.0	12.1	BOE Interest Rate Decisi	on	0.5%	0.5%	
Kenya	NSEASI	170	-4.5	-0.6	10.3	14.0	23.8	4.6	OPEC Crude	\$/bbl	70.9	73.8	-2.5	10.0	France GDP Q1 18 (QoQ	2)	0.2%	0.2%	
Morrocco	MSCI MX	325	-1.6	-3.5	-3.2	19.7	9.5	3.6	Gasoline	\$/gal	205.8	202.3	1.7	4.2	Japan Natn'l CPI May (Y	oY)	0.7%	0.6%	
Ghana	GSE Composit	2,890	-3.1	12.0	48.9	68.1	4.5	1.1	Natural Gas	/MBtu	2.9	3.0	-2.6	5.0	New Zealand GDP Ql 1	8 (YoY)	2.7%	2.9%	
Tunisia	TunIndex	7,981	2.8	27.1	34.5	20.4	0.7	1.8	Gold	\$/t oz	1268.8	1278.9	-0.8	-2.6	Canada CPI May (CPI)		2.2%	2.2%	
BRVM	BRVM	219	-0.2	-10.0	-14.9	28.9	26.7	1.5	Sugar	\$/lb	12.4	12.4	0.0	-18.4	Germany PPI May (YoY))	2.7%	2.0%	
Mauritius	SEMDEX	2,235	0.0	1.5	6.1	18.2	9.2		Wheat	\$/bsh	506.0	513.5	-1.5	8.6					
Nigeria	NGSE ASI	37,863	-2.74	-1.00	14.98	10.7	37.9	4.8	Crude Palm oil	R/MT	2284.0	2336.0	0.0						
G D1	1 D	ADMD										,				_			

Source: Bloomberg, Reuters, ARM Research

CHC



Underemployment

Weekly Economic and Financial Commentary

21.2

21.1

The week in Review

◆ Over the week, the DMO released Nigeria's debt stock for the first quarter of 2018. From the breakdown provided, FG's public debt expanded by 5.3% QoQ to №19.3 trillion in the period, reflecting a 17% QoQ expansion in external debt to \$22 billion (№6.7 trillion).

The increase was largely due to a \$2.5 billion Eurobond issuance in the period. Elsewhere, total debt service printed at N713 billion (+39% YoY) with domestic debt service and external debt service expanding 36% YoY and 76% YoY to N643 billion and \$225 million respectively.

Nigeria's credit position shows credit supply to household expanded in Q2 18 on the back of increased liquidity position in the economy.

ternal debt to \$22 billion (#	O.7 trimon,	D :		TITLE
Currency	This Week	Prior Week	WoW (%)	YTD (%)
External Reserve (\$'bn)	47.63	47.44	0.40%	22.86%
USD/NGN (₩/\$)				
NAFEX	361.02	361.07	-0.01%	0.19%
Parallel	361.0	361.0	0.00%	-0.28%
Economic Snapshot	Latest (%)	Prior	CHG (pps)	2018 Avg.
Inflation VoV (April)			CHG (pps)	

Key Indicators	Period	Latest	Prior	(pps)
Nigeria Total Debt (N 'bn)	Q1 18	22,707	21,726	4.5%
Nigeria Debt Service (N 'bn)	Q1 18	712.33	260.69	173%
FAAC Allocation (N'bn)	May	701.01	638.09	9.9%

Inflation YoY (April)		$\mathbf{CHG}\;(\mathbf{pps})$					
Headline	11.61	12.48	0.9	13.4			
Core	10.71	10.92	1.0	11.32			
Food	13.45	14.8	0.9	16.17			
GDP (%) - YoY	Q1 18	Q4 17	FY 17	FY18F			
Real GDP	1.9	2.1	0.8	2.4			
Oil	14.8	11.2	5.5	8.8			
Agriculture	3.0	4.2	3.4	3.3			
Manufacturing	3.4	0.1	-0.2	2.6			
Services	0.5	-0.8	-0.8	1.3			
Labor Data (%) - Q3 17			Latest	Prior			
Unemployment Rate			18.8	16.2			

	Report released this week (Click Link below for Full report)							
* Nigerian Banks - How striking are the dividend yields now?								
	* Depthwize Nigeria Limited - An improving and upgrade story							
	*Market Snapshot - 22.06.2018							

News Headline for the week (click news for link)

* How FG'll raise N9.1tn to fund 2018 budget - Udoma

Capital Importation (\$'1	mn) - Q1 18	Q1 18	Q4 17	QoQ (bps)	YoY (bps)
Foreign Portfolio Investmen	t - Equities	701.61	989.2	-0.3	5.88
	Bonds	335.88	309.5	0.1	N/A
	Treasury Bills	3,	527.6 2,178.8	0.6	15.7
Foreign Direct Investment			246.6 378.4	-0.3	0.2

)	* AMCON recovers N731bn from bank debtors in seven years
	* Nigeria's debt rises to N22.7tn —DMO
	* 2018 Budget difficult to implement with NASS' alterations, says Buhari
ľ	* 2017 budget: N1.58tn released for capital projects, says FG
	* Fuel subsidy hits N2.4bn daily

Balance of Payment (\$'mn)	Q1 18	Q4 17	Q3 17	QoQ (bps)
Trade Balance	6,042	5,009	3,032	0.21
CA Balance	-	3,656	1,974	0.85

Source: CBN, NBS, FMDQ, Aboki FX, ARM Research

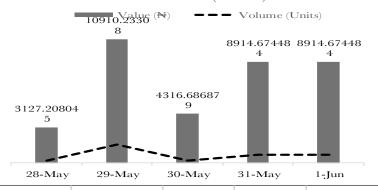
Equities

The week in Review

- ♦ The Nigerian equity market ended the week negative, losing 2.74% over the week with YTD performance turning negative (-1.0%).
- ♦ The negative run was driven by declines in heavyweight stocks: Seplat (-9.26%), Dangcem (-5.86%), GTB (-1.93%) and Zenith (-1.89%). On a sectorial basis, the Personal care, Cement, Oil & gas, and Banks led the decliners.

Index Performance			I	ndex Return	s (%)		Sector Performance	Returns (%)			
	Level	WoW	MTD	QTD	YTD	1 year		WoW	QTD	YTD	
NSE ASI	37862.53	-2.74	-0.64	-8.77	-1.00	14.98	Banking	-1.79%	-7.62%	5.12%	
NSE ASI (\$)	104.88	-2.74	-0.64	-0.09	-0.01	0.20	Brewers	1.15%	-14.52%	-15.83%	
Market Cap (N 'bn)	13715.72	-2.74%	-0.64	-0.09	0.01	0.23	Cement	-5.56%	-13.15%	-2.33%	
Market Cap (\$'mn)	37993.69	-2.72%	-0.64	-0.09	0.01	0.26	Personal Care	-6.14%	-13.95%	11.96%	
NSE 30	1721.95	-2.23	0.53	-8.13	-1.42	15.05	Construction	0.00%	3.76%	-1.12%	
NSE Premium	2707.98	-4.78	-3.45	-8.21	5.61	22.48	Food	-0.98%	0.17%	-3.44%	
NSE 50	1953.13	-1.94	0.75	-7.96	0.16	18.01	Insurance	2.15%	3.36%	2.67%	
NSE ASEM	949.59	0.00	0.00	-3.94	-12.67	-18.97	Oil & Gas	-2.47%	-7.70%	-4.98%	
NSE Banking	481.31	-1.96	1.51	-7.54	1.23	22.63	Real Estate	-0.28%	-3.28%	-2.33%	
NSE Insurance	149.45	3.39	5.30	-1.09	7.23	6.82	ARM Indices				
NSE Consumer	903.41	-0.50	1.44	-7.64	-7.45	13.89		WoW	QTD	YTD	
NSE Oil & Gas	328.90	-5.94	-5.00	-5.19	-0.54	3.50	Large Cap (Top 10%)	-3.01%	-8.68%	-1.23%	
NSE Industrial	1956.40	-3.02	1.94	-10.75	-0.97	-0.19	Mid Cap (Mid 30%)	-1.45%	-6.60%	5.42%	
NSE Lotus	2553.17	-2.09	1.05	-5.40	-0.28	23.19	Small Cap (Bottom 60%)	-7.95%	-42.64%	-52.93%	
NSE Pensions	1481.73	-1.75	2.45	-6.49	7.39	29.18	Volume and Value T	raded (mi	llions)		

1 (52 1 011510115	1 10 1.7 0	1.,, 0	2.10	,	_0.10
	Top 10 Gainers This Week WoW Com		_	Top 10	Losers
Company			Company	This Week	WoW
FO	0.47	23.7%	MUTUAL BENEFIT	2.09	-16.1%
NEM	3.04	14.3%	ETERNA PLC	0.34	-10.5%
NESTLE	0.35	12.9%	A.G. LEVENTIS	24.75	-10.0%
WAPIC	0.31	10.7%	OANDO	685.00	-9.3%
SEPLAT	3.13	9.8%	NB	0.69	-9.2%
UNITY KAPITAL	6.75	7.1%	FCMB	0.79	-9.2%
AHCO	44.00	6.5%	INTERBREW	34.05	-7.8%
CONSOL HALLMARK	2.78	5.3%	ZENITH	50.75	-7.7%
HONEYWELL	0.86	4.9%	SKYE SHELTER	30.00	-6.3%
JOHN HOLT	2.41	4.8%	BERGER PAINTS	0.31	-6.1%





The week in Review

- ◆ Average yields in the Nigerian fixed income market rose 26bps to 13.22% as liquidity strain and sell-offs at the long end drove uptick at both ends of the curve.
- For context, average Treasury bill yields rose 36bps to 12.9% WoW following strain on market liquidity by CBN's OMO issuance worth N137.4 billion split across the 219 and 93 day papers and FG's net repayment of N26.7 billion at this week's NTB auction. Also, at the long end average bond yields jumped 15bps to 13.54%.

	This	Prior	WoW		91	250	364		91	250	364
	Week	Week	change	Primary Market Auction (Rates)	Days	Days	Days	Issuance (N'billion)	Days	Days	Days
Money Market				ОМО				ОМО			
Overnight (O/N)	4.25%	4.25%	0.00%	19-Jun-18	11.05%	12.15%		19-Jun-18	3.7	133.6	0.0
Open Buy Back (OBB)	3.67%	3.67%	0.00%	07-Jun-18	11.05%	12.15%		07-Jun-18	0.495	190.9	0.0
NIBOR - 1M	13.39%	14.37%	-0.98%	04-Jun-18	Nil	12.15%		04-Jun-18	Nil	41.2	0.0
NIBOR - 3M	13.50%	14.67%	-1.17%	01-Jun-18	11.05%	Nil		01-Jun-18	9.3	247.7	0.0
NIBOR - 6M	14.80%	16.49%	-1.69%	31-May-18	11.05%	12.15%		31-May-18	0.348	560.9	0.0
Treasury Bills				Treasury Bills	91 Day	182 Day	364 Day	Treasury Bills	91 Day	182 Day	364 Day
1-month	12.41%	12.28%	0.13%	20-Jun-18	10.00%	10.30%	11.50%	20-Jun-18	5.40	20.0	14.6
3-month	12.51%	11.20%	1.31%	13-Jun-18	10.20%	10.50%	11.50%	17-May-18	3.4	16.9	13.5
6-month	13.17%	11.83%	1.34%	30-May-18	10.00%	10.30%	11.00%	02-May-18	9.5	47.7	38.2
9-month	13.02%	13.97%	-0.95%	17-May-18	10.00%	10.50%	10.70%	19-Apr-18	5.4	8.4	40.2
12-month	13.75%	14.08%	-0.33%	02-May-18	10.26%	10.95%	11.15%	05-Apr-18	6.2	4.0	85.5
FGN Bonds (Local)				FGN Bonds	5 Year	7 Year	10 Year	FGN Bonds	5 Year	7 Year	10 Year
16.00% 29-JUN-2019	12.88%	11.91%	0.97%	23-May-18	13.50%	13.50%	13.55%	23-May-18	3.5	8.5	38.5
15.54% 13-FEB-2020	13.01%	13.00%	0.01%	25-Apr-18	12.75%	12.85%	12.89%	25-Apr-18	38.3	12.8	39.0
14.50% 15-JUL-2021	13.46%	13.47%	-0.01%	23-Mar-18	13.40%	13.53%	13.60%	23-Mar-18	100.5	89.1	45.1
16.39% 27-JAN-2022	13.68%	13.16%	0.52%	23-Feb-18	13.70%	0.00%	13.98%	23-Feb-18	27.2	0.0	52.4
14.20% 14-MAR-2024	13.40%	13.33%	0.07%	24-Jan-18	13.38%	0.00%	13.49%	24-Jan-18	45.1	0.0	64.9
12.50% 22 -JAN- 2026	13.73%	13.52%	0.21%	Corporate Bonds	This Week	Prior Week	WoW (%)	Corporate Eurobond	This Week	Prior Week	WoW (%)
16.2884% 17-MAR-2027	13.70%	13.36%	0.34%	DUFIL 18.25% 1-SEP-2022	15.39%	14.99%	0.40%	ZENITH 6.25% 22-APR-2019	6.62%	6.45%	0.17%
12.1493% 18-JUL-2034	13.89%	13.64%	0.25%	FCMB 17.25% 8-DEC-2023	14.80%	14.67%	0.13%	DIAMOND 8.75% 21-MAY-2019	9.73%	9.42%	0.31%
16.2499% 18-APR-2037	13.80%	13.56%	0.24%	FIDELITY 16.48% 13-MAY-2022	14.63%	14.19%	0.44%	FBN 8.25% 07-AUG-2020	10.26%	9.60%	0.66%
FGN Eurobonds				LAPO MFB 17.75% 19-DEC-2022	17.27%	16.93%	0.34%	ECOBANK 8.75% 14-AUG-2021	9.98%	9.98%	0.00%
6.50% 28-Nov-2027	7.36%	7.17%	0.19%	MIXTA 17.00% 16-JAN-2022	14.33%	14.08%	0.25%	ACCESS 10.50% 19-OCT-2021	8.90%	8.25%	0.65%
7.625% 28-Nov-2047	8.29%	8.17%	0.12%	STANBIC 13.25% 30-SEP-2024	14.50%	14.38%	0.12%	ZENITH 7.375% 30-MAY-2022	7.79%	7.37%	0.42%
			0.150/	STEDI INCLIS 500/12 AUC 2022	14 50%	14.30%	0.20%	UBA 7.75% 08-JUN-2022	8 56%	7 97%	0.59%
7.875% 16-FEB-2032	7.93%	7.78%	0.15%	STERLING 16.50% 3-AUG-2023	1 1.50 / 0	11.50 /0	0.20 /0		0.5070	7.5770	
7.875% 16-FEB-2032 5.625% 27-JUN-2022	7.93% 6.11%	7.78% 5.82%		UBA 16.45% 30-DEC-2021		14.16%		, , , , ,	0.50 70	7.57 70	



Economic and Financial Calendar for the week 4th June - 8th June 2018

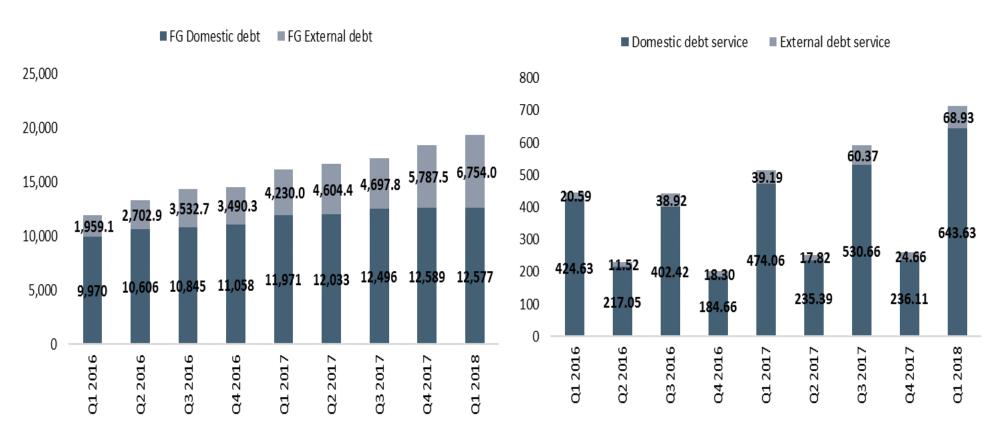
	Monday	Tuesday	Wednesday	Thursday	Friday
	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun
	Japan's Leading Economic Index - April	U.K 10 & 30 Year Bond Auction	France's Consumer Confidence - June	Germany's Import Price Index (YoY) - May	Australia's New Home Sales (MoM) - April
	U.S New Home Sales (MoM) - May	New Zealand's Trade Balance (YoY) - May	Italy's Consumer Confidence - June	Spain's Retail Sales (YoY) - May	Canada's Industrial Production (MoM) - May
	U.S 3 & 6 month Bill Auction	API Weekly Crude Oil Stock	Eurozone Money Supply (YoY) - May	Italy's Consumer Price Index (YoY) - June	Canada's Gross Domestic Product (MoM) - April
Global	Japan's Corporate Service Price (YoY) - May	U.S 2-year Note Auction	Italy's Trade Balance (YoY) - May	Eurozone Economic Sentiment Indicator - June	U.S Personal Income (MoM) - May
			U.S Goods Trade Balance - May	Germany's Consumer Price Index (YoY) - May	
			Japan's Retail Trade (YoY) - May	Japan's Unemployment Rate - May	
			EIA Crude Oil Stocks Change	Japan's Industrial Production (MoM) - May	
estic				Rail Transportation Data (Q3 17 - Q4 17)	Crime Data (Drug Abuse & Enforcement 2017)
Dom					



CHART OF THE WEEK

Figure 1: FG Domestic debt vs External debt (N'bn)

Figure 2: FG Domestic and External debt service (N'bn)



Source: NBS, ARM Research





ARM Securities		
Research	234 (1) 2701653	research@armsecurities.com.ng
Institutional Sales & Trading	234 (1) 448 8833	trading@armsecurities.com.ng
Customer Service	234 (1) 4488282	customerservice@armsecurities.com.ng

Copyright © 2018 ARM Securities Limited ("ARM").

All rights reserved. Unauthorised use, reproduction, distribution, or disclosure of this document is strictly prohibited.

This material has been issued by ARM Securities Limited, a member of the Asset & Resource Management ("ARM") Group, and a Company regulated by the Nigerian Securities & Exchange Commission. The analyst(s) primarily responsible for preparing this research report, in whole or in part, certifies that with respect to each security or issuer covered; all the views expressed accurately reflect his/her personal views about the subject securities and issuers and no part of his/her compensation was, is, or will be, directly or indirectly, related to the inclusion of specific recommendations or views in the report.

This research report is based on information from sources that ARM and its analysts believe to be reliable. Neither ARM nor any of its research analysts, nor any member of the ARM Group, gives any representation or warranty, express or implied, or undertaking of any kind or assumes responsibility or liability of any kind with respect to the accuracy or completeness of the information set out in this report or any third party's use (or the results of such use) of such information. This report is provided solely for informational purposes and is not to be construed as providing advice, recommendations, or endorsements of any kind whatsoever. The investments and strategies discussed here may not be suitable for all investors; counsel of investment advisor should be obtained with regards to such investments and or strategies. This research report is not a replacement for advice from an accountant, lawyer, personal finance advisor or other category of investment advisor. The investments discussed in this report may oscillate in price or value. Opinions and information provided are made as of the date of the report issue and are subject to change without notice. This research report is not intended as an offer or solicitation for the purchase or sale of any financial instrument. Reference herein to any specific security or financial instrument does not necessarily constitute or imply its endorsement or recommendation by ARM, its directors, officers, employees, or designated agents. Members of ARM may act as broker, advisor, or lender, or make a market in any investments or issuers referenced in this report. Further information on any of the securities discussed herein may be obtained upon request to ARM. By accepting this document, you agree to be bound by the foregoing limitations.