



Other revenue (including surplus from the previous years)
NP/GNI-based own resource
EU-based own resource
Additional own resources

CONTRIBUTION BY MEMBER STATE AND TOR COLLECTED ON BEHALF OF THE EU

MENA Fixed Income Report | 2017

KAMCO Investment Research | January

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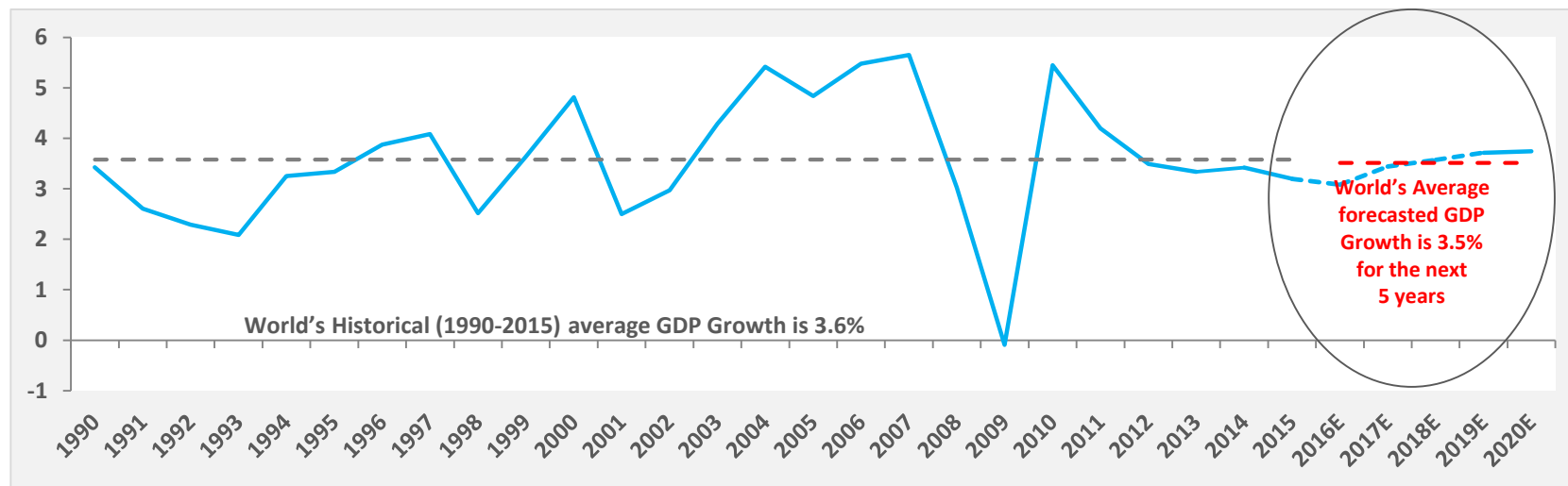


SECTION 1 | Global Economic Overview

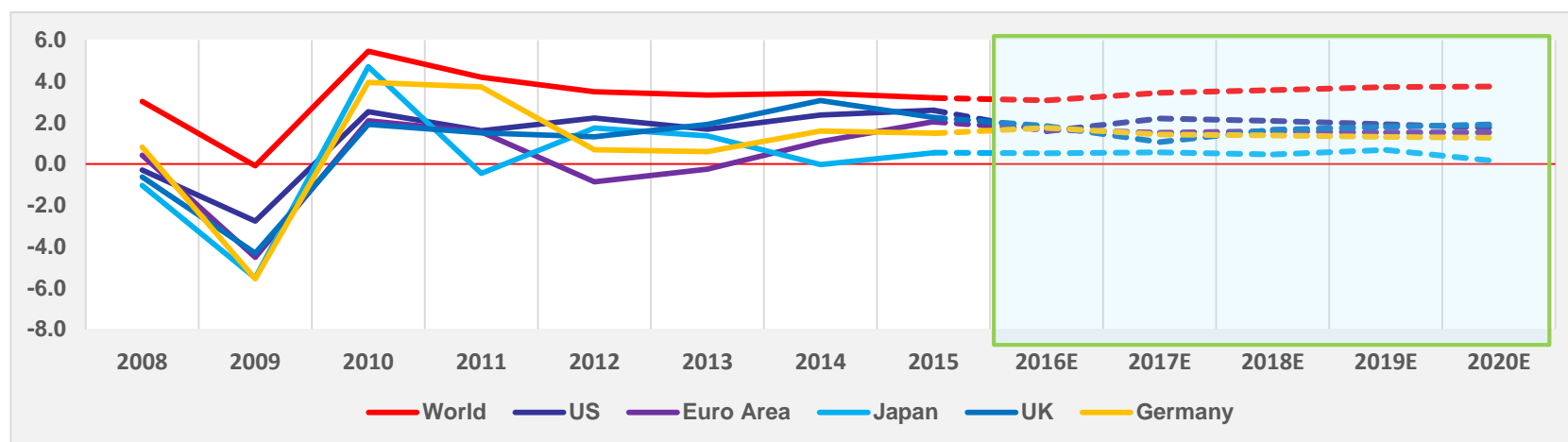


Global Growth Estimates: World GDP growth is expected to bottom in 2016 at 3.1% and then grow to 3.4% in 2017, a level that was seen two years back

World GDP Growth



G4 Countries: Real GDP (%)



Advanced economies to lead growth in the near term

Some of the key events of 2016, particularly the Brexit and US elections are expected to have long term repercussions on world economic growth. Uncertainty is expected to be high, which could result in higher market volatility for all the asset classes.

Growth in the US is expected to result from higher investments highlighted by the new president elect. Moreover, policies like lowering corporate tax rates and a focus on more inward looking policies could affect global growth rates, especially in the emerging markets. Furthermore, global trade is currently at one of the lowest historical levels as percentage of global GDP. Unless manufacturing and industrial sectors are provided incentives for growth, any economic expansion is expected to be fragile and prone to have minimal impact with higher associated costs or investments.

Europe appears to be the silver lining in the current landscape, with the region consistently showing higher job creation over the past few months. Inflation is now positive, although it continues to hover below the target levels, that would trigger a tapering of quantitative easing that has been extended till the end of 2017.

After driving world growth rates for more than a decade, Emerging markets are now expected to take a break before things improve, especially in bigger economies like China, which is seeing higher accumulation of debt but with declining marginal impact on GDP growth.

Oil price is expected to remain low in the near-to-medium term and may not entirely see levels seen in the past. However, a sustained support to economic policies in the US and higher growth in Europe could drive higher oil demand that would support in oil exporting countries.

IMF Oct-2016 World Economic Outlook

IMF World Economic Outlook Update- Oct 2016		Actuals (%)		Projections (%)		Chg from Jul-16	
		2015	2016	2017	2018	2017	2018
World Output		3.2	3.1	3.4	3.6	0.0	0.0
US		2.6	1.6	2.3	2.5	0.1	0.4
Euro Area		2.0	1.7	1.6	1.6	0.1	0.0
Japan		0.5	0.9	0.8	0.5	0.2	0.0
EM and Developing Economies		4.0	4.1	4.5	4.8	-0.1	0.0
Russia		-3.7	-0.6	1.1	1.2	0.0	0.0
China		6.9	6.7	6.5	6.0	0.3	0.0
India		7.6	6.6	7.2	7.7	-0.4	0.0
MENAP		2.3	3.8	3.1	3.5	-0.3	-0.1
Saudi Arabia		3.5	1.4	0.4	2.3	-1.6	-0.3

Global economic outlook

Euro area growth is projected at **1.7% in 2016 and 1.6% in 2017, a mild improvement from previous expectations.**

Emerging Market and developing economies are expected to see higher relative growth rates, however, growth is expected to taper when compared to previous year levels.

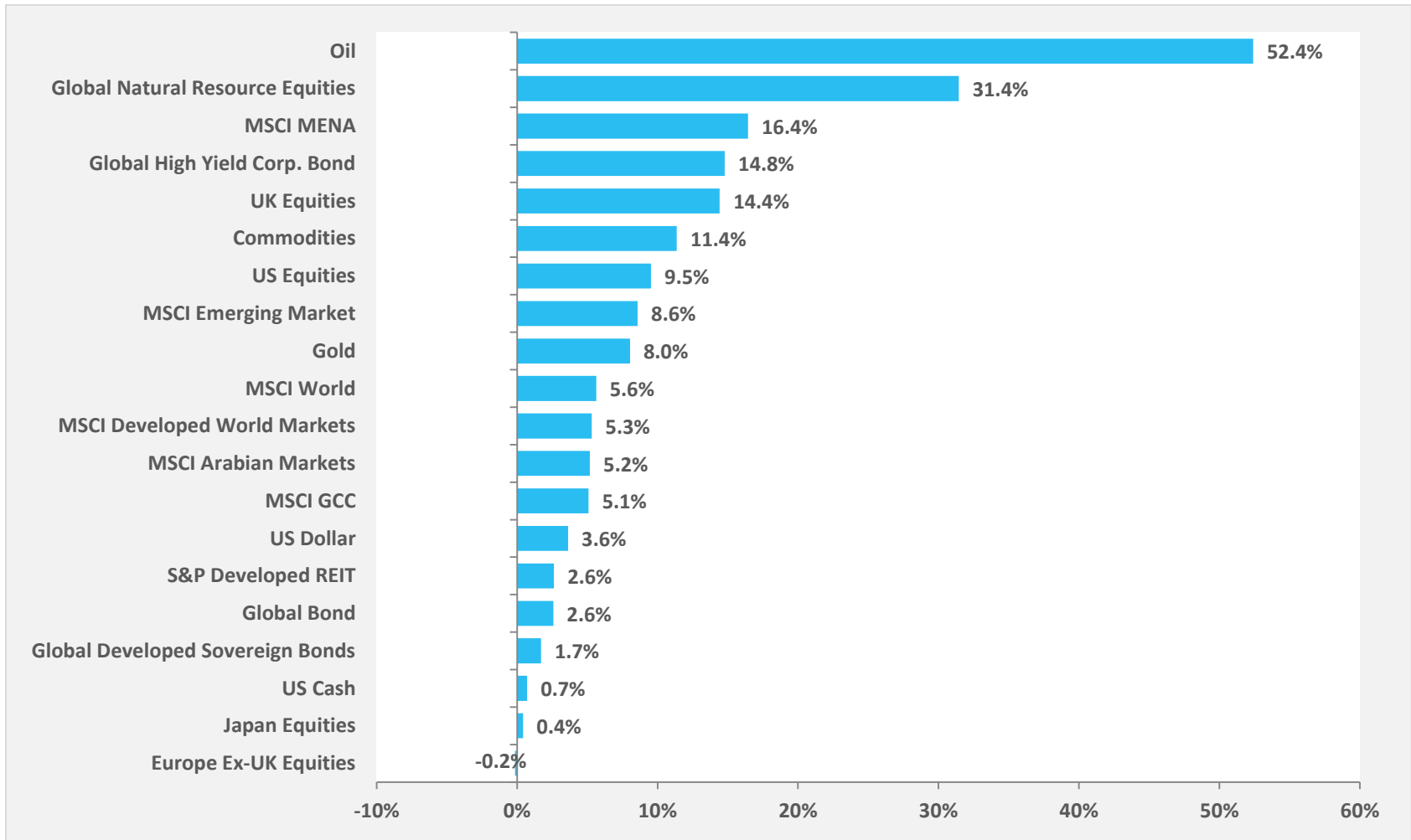
- Growth in China is expected to decline to 6.5% in 2017 from over 7% until 2014.
- Outlook for Russia is set to improve with the country expected to see positive growth rates from 2017
- From among the major emerging markets, India continues to remain a bright spot with growth rates consistently exceeding 7% in 2014 and 2015. However, the impact of some of the recent economic policies is expected to affect economic growth rates in 2016 and 2017.

In the US, the most important event in the near term would be the probable rate hikes expected in 2017 after one hike each in 2015 and 2016. From the initial reaction to the election results on stock markets and bond yields, economic growth in the US is expected to get a boost from policies related to tax, subsidies and infrastructure investment. However, some of the harsher decisions are yet to be announced, which would likely hit specific industries, including the healthcare and the energy/oil and gas sectors.

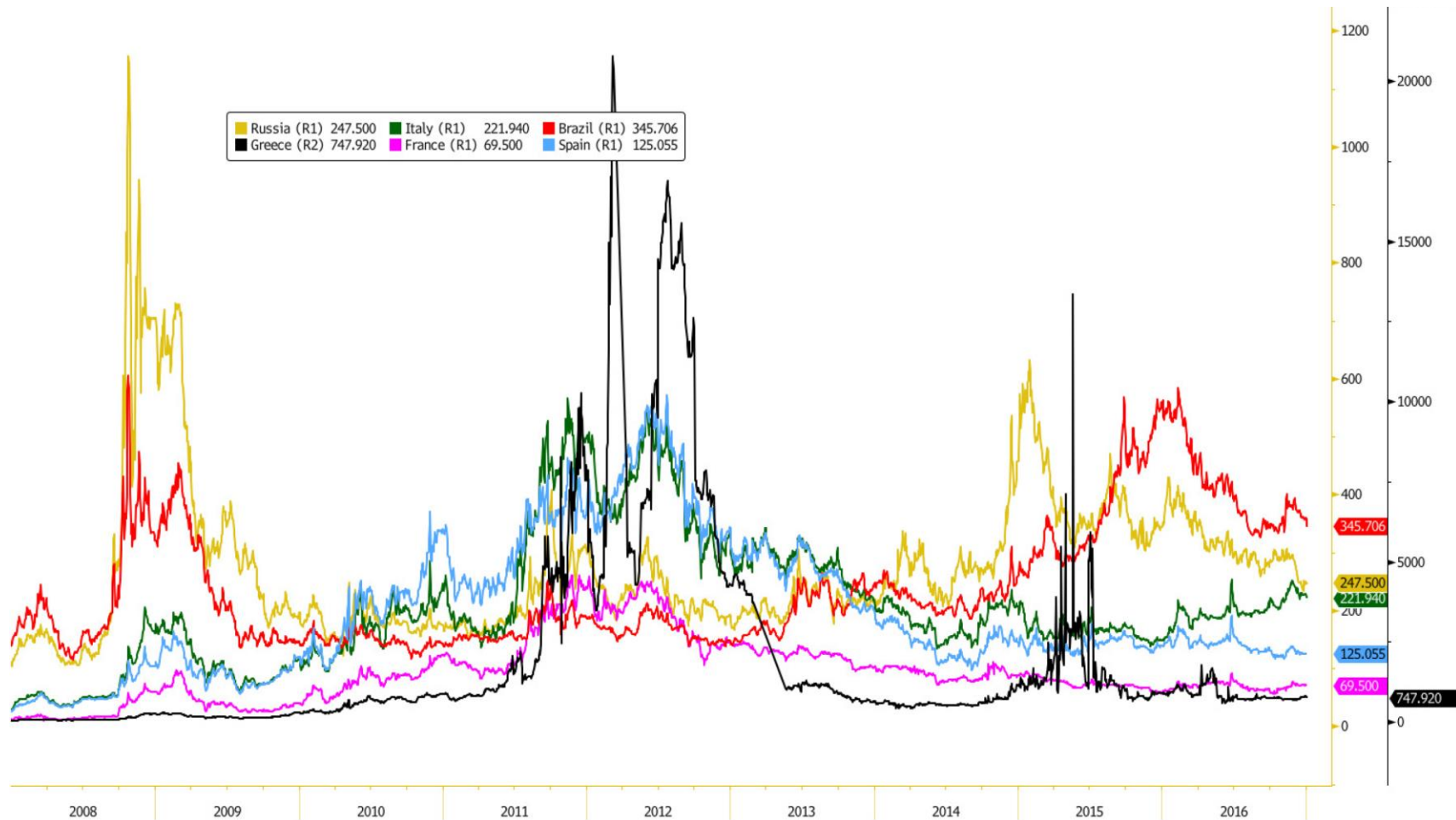
Commodity prices that had hit historical lows over the past four years have started stabilizing. Oil prices have firmed especially reacting to efforts relating to production curbs whereas other commodities have bottomed as well.

A strong dollar that reached a 14-year high level could pose a challenge to economic growth in commodity exporting economies. Oil was one of the first casualties recently, and could affect other markets as well.

Global Asset Class Performance – 2016



International Credit Default Swaps (CDS): *Risks have declined significantly for Russia and Brazil, whereas Italy continues to see higher sovereign risks.*



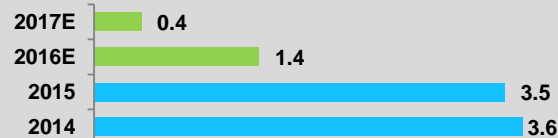


SECTION 2 | MENA Economic Overview

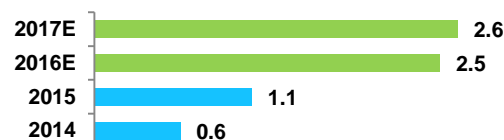


MENA Economic Outlook: *Growth rates in the MENA region are expected to bottom in 2016. Near term growth would be led by policy initiatives undertaken by the government to diversify the economy, especially for oil exporters.*

Saudi Arabia



Kuwait



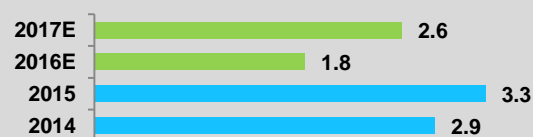
UAE



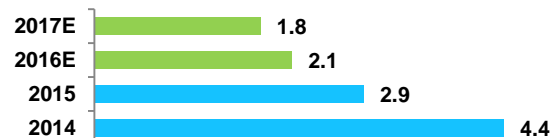
Qatar



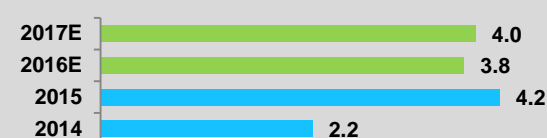
Oman



Bahrain



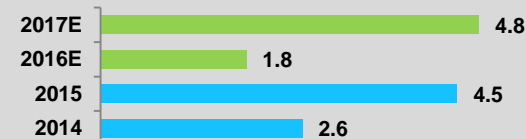
Egypt



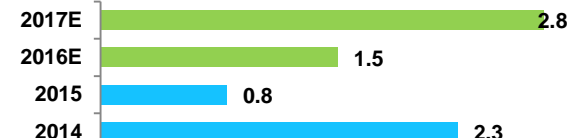
Algeria



Morocco



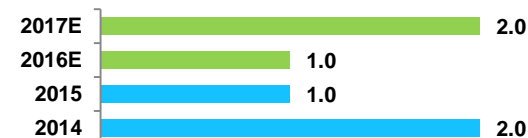
Tunisia



Jordan

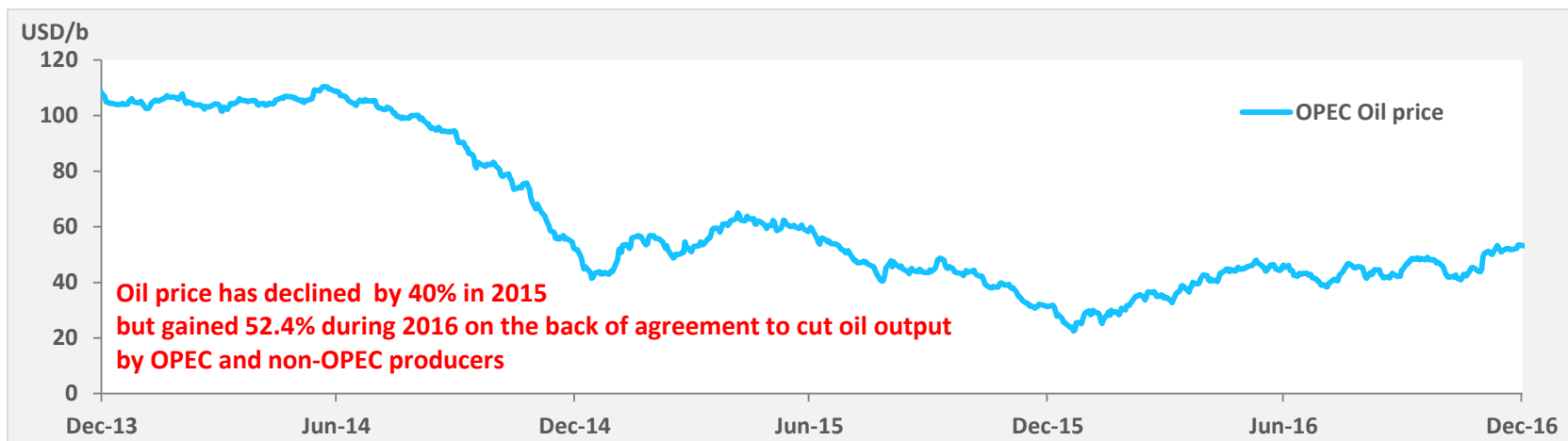


Lebanon

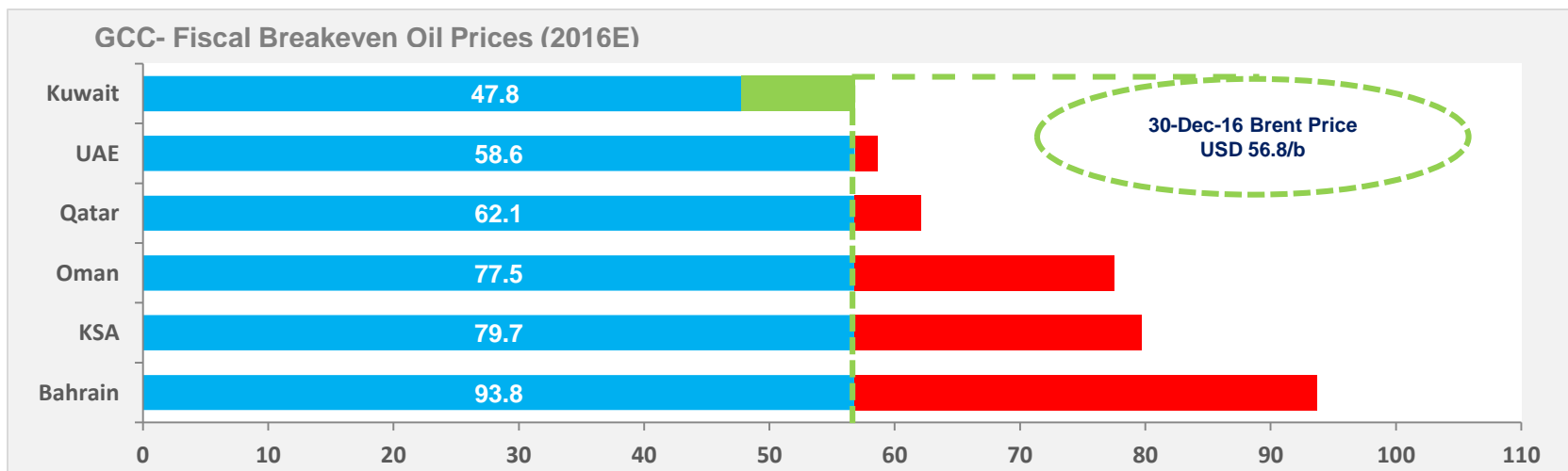


Oil Prices: *Optimism is high post the announcement on oil output cuts. Crude prices surged after the talks in November-16 and December-16 and was up 52.4% in 2016. On the fiscal front, Kuwait has the lowest 2016 fiscal break-even price and is currently pegged at below the current oil prices, giving the country extra fiscal space.*

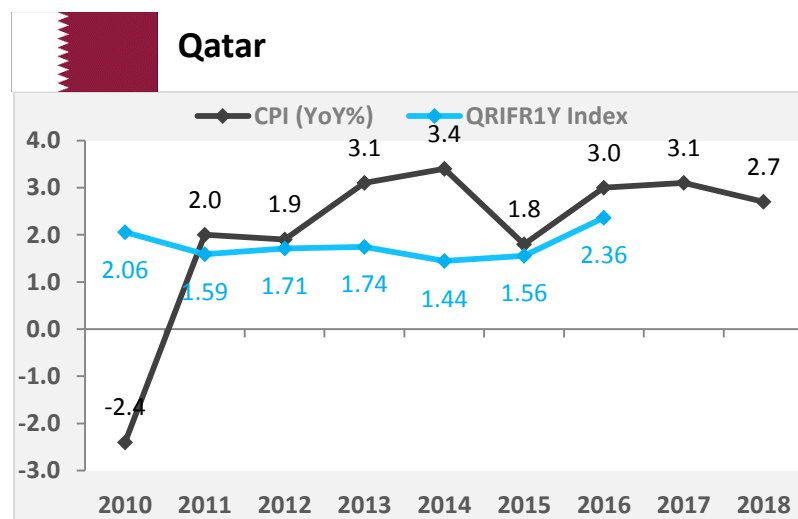
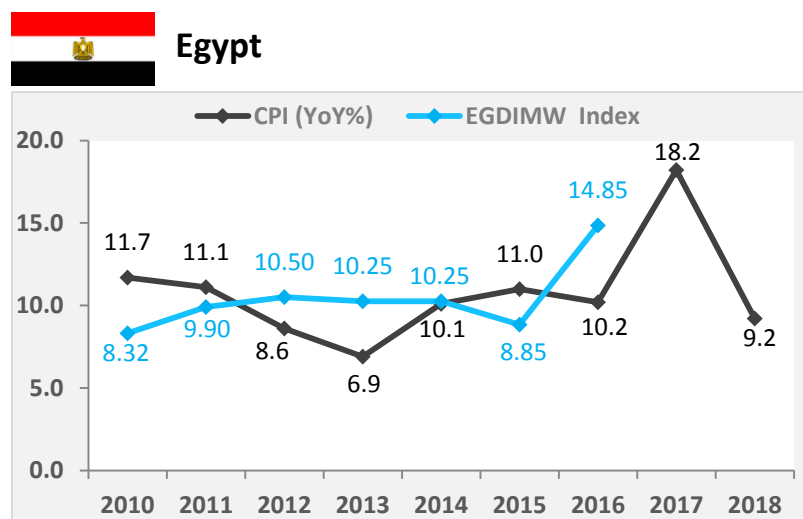
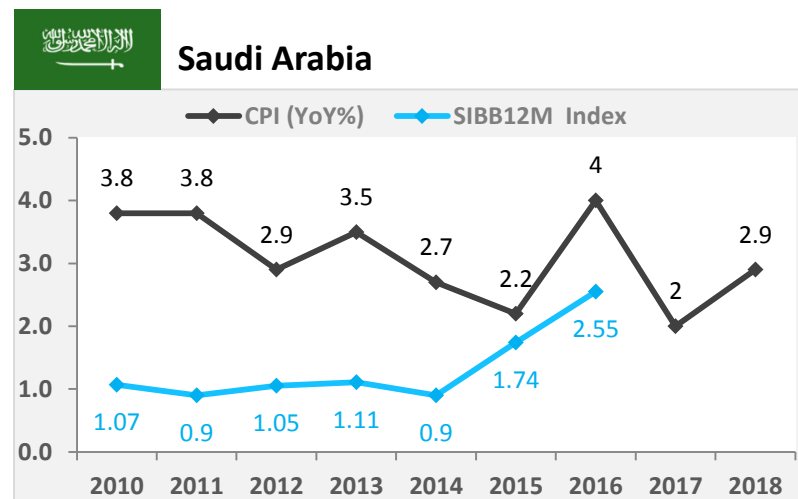
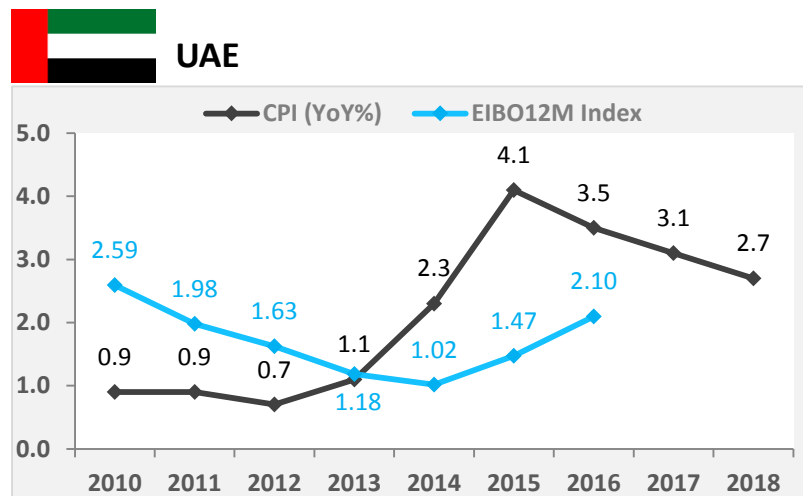
Oil Prices



Fiscal Pressure



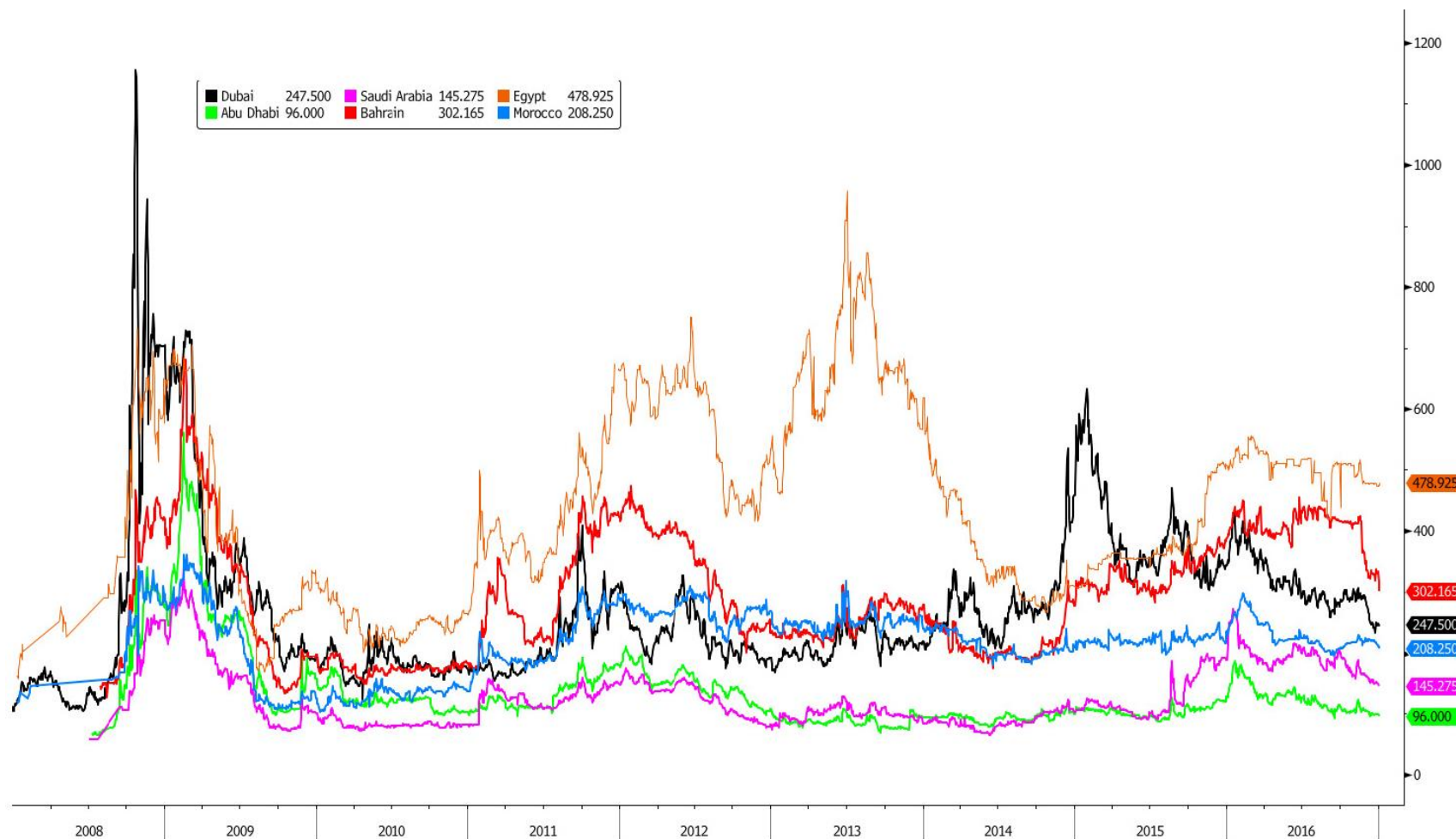
MENA Real Interest Rates: *The real interest rates in the MENA Region are either negative or too low, although the two 25 bps hikes by the US Fed had an equal impact on MENA interest rates.*



MENA Sovereign Ratings: *All the GCC countries, except for Bahrain, are in the investment grade with strong credit standing and economic buffers in the form of sovereign wealth funds*

Country	Moody's	S&P	Fitch
Abu Dhabi	Aa2	AA	AA
Bahrain	Ba2	BB-	BB+
Egypt	B3	B-	B
Jordan	B1	BB-	NR
Kuwait	Aa2	AA	AA
Lebanon	B2	B-	B-
Morocco	Ba1	BBB-	BBB-
Oman	Baa1	BBB-	NR
Qatar	Aa2	AA	AA
Saudi Arabia	A1	A-	AA-
Tunisia	Ba3	NR	BB-
Turkey	Ba1	BB	BBB-
United Arab Emirates	Aa2	NR	NR

MENA Credit Default Swaps (CDS): *MENA CDS peaked at the start of 2016 and has declined for almost all of the countries in the region.*



MENA Economic Outlook

- Oil prices continue to remain at depressed levels although it increased 52.4% in 2016. We believe that MENA economies would continue to hold a cautious stance in their spending plans as oil continues to remain extremely volatile. A number of factors continue to influence oil prices, in addition to political unrest in some pockets of the region.
- That said, the growth story of a majority of the MENA economies remains intact as GDP growth is expected to bottom in 2015 at 2.1%, and is expected to increase to 3.2% in 2016 and 2017. The decline in oil prices shows the volatility it can cause on state finances, especially in the case of oil exporters. This has once again put the focus on diversification activities to spur growth in non-oil sectors. Although the government has been on the right track by spending heavily on improving living standards, creating job opportunities for the youth, improving the legal and financial system to make fund raising a smooth process, the need is paramount this time.
- Unemployment remains a concern and this would be the first priority for the government. On one hand oil savings gives fiscal space for the oil importers and enables them to spend on social sectors and job creation and create long term opportunities. On the other hand, oil exporters are undertaking drastic measures to provide employment to citizens by imposing penalties on corporates to adhere to higher nationalization norms.
- The need to focus on reforms related to increasing state revenues from sustainable sectors and reduce state subsidies would be crucial in an environment which continues to remain politically charged. Focus on core sectors like banking, construction and real estate would necessitate new policy initiatives, tax and subsidy reforms and possibly new exchange rate policy.

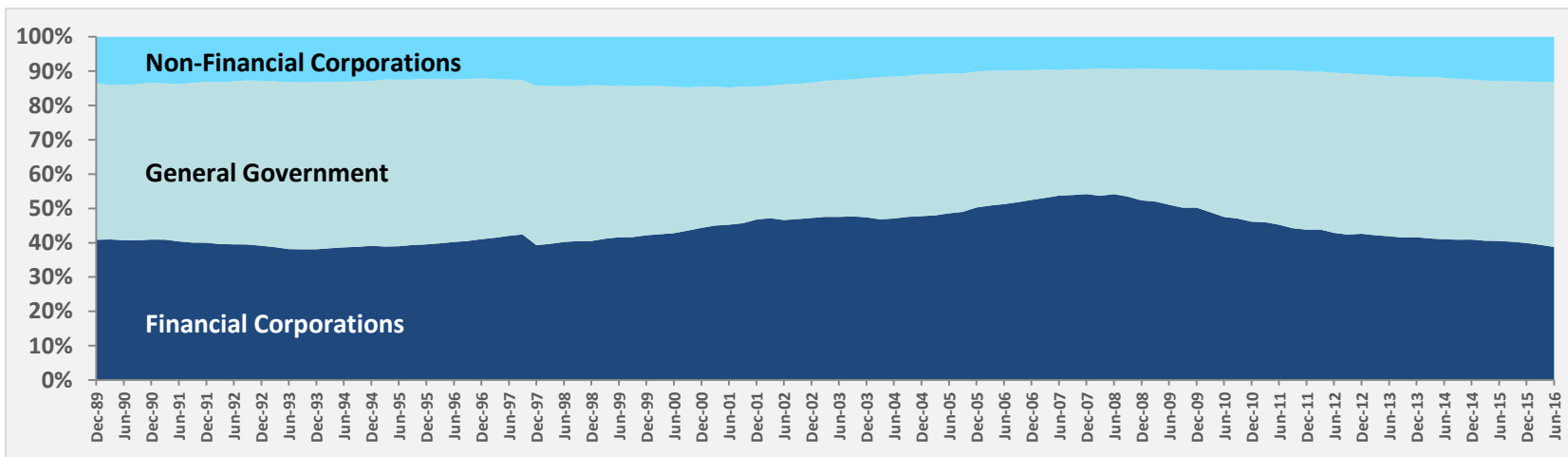


SECTION 3 | Global Fixed Income Market

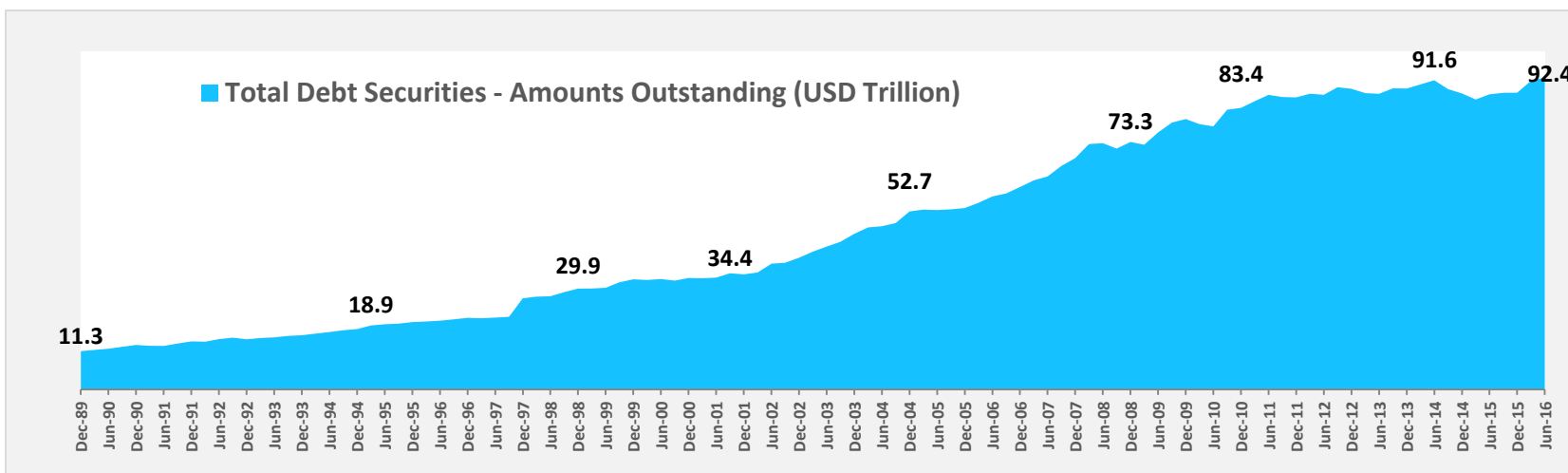


Global Fixed Income Market

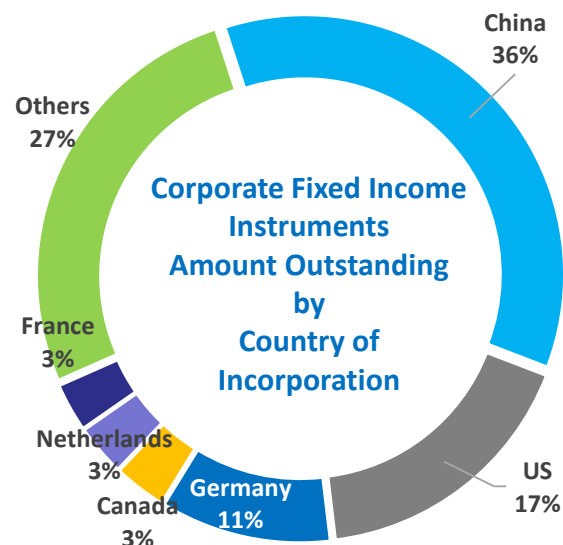
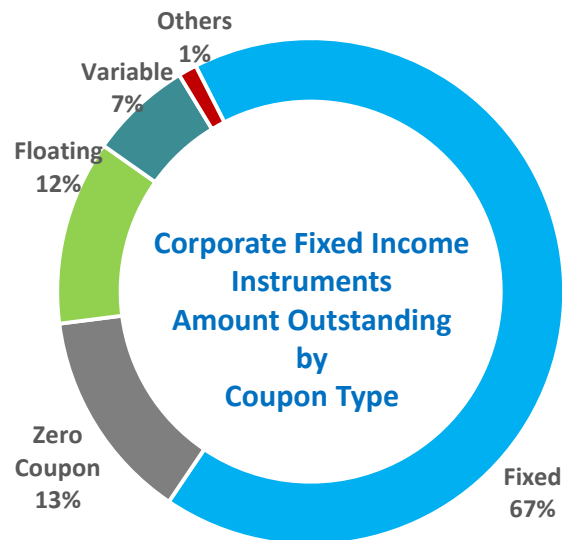
Composition



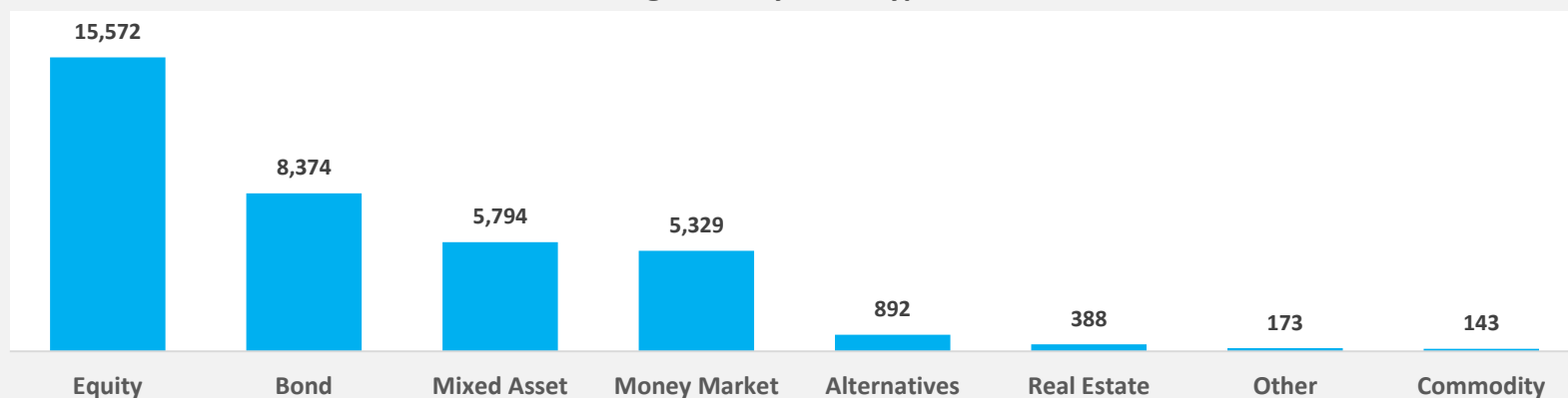
Total Debt Securities



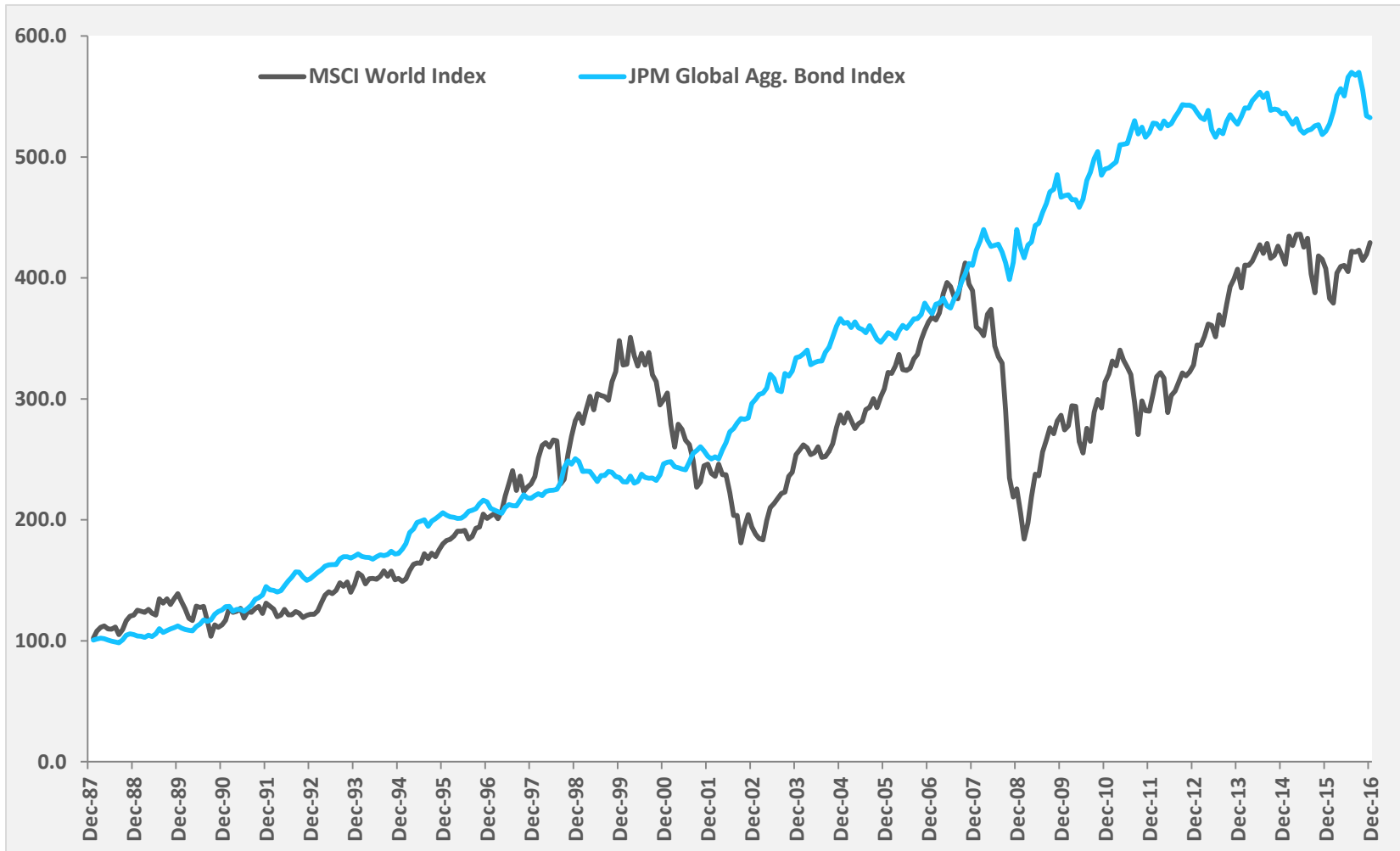
International Debt Securities: *Global bond market is dominated by developed countries and China. In terms of type of instruments, fixed rate instruments is the preferred choice.*



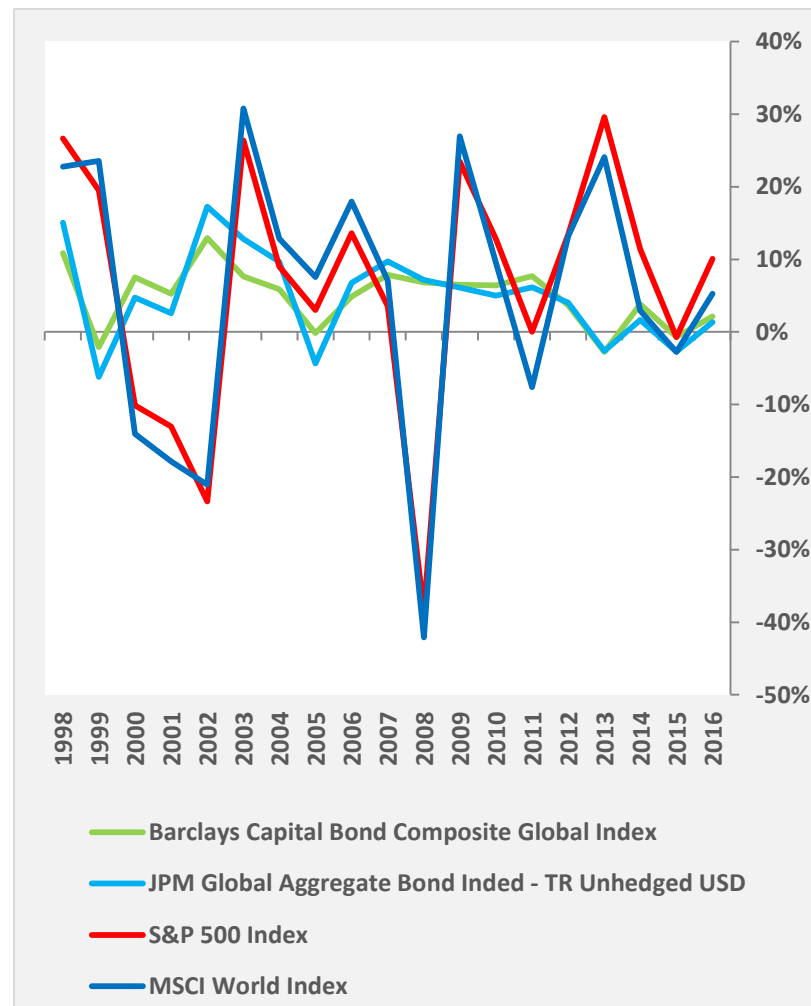
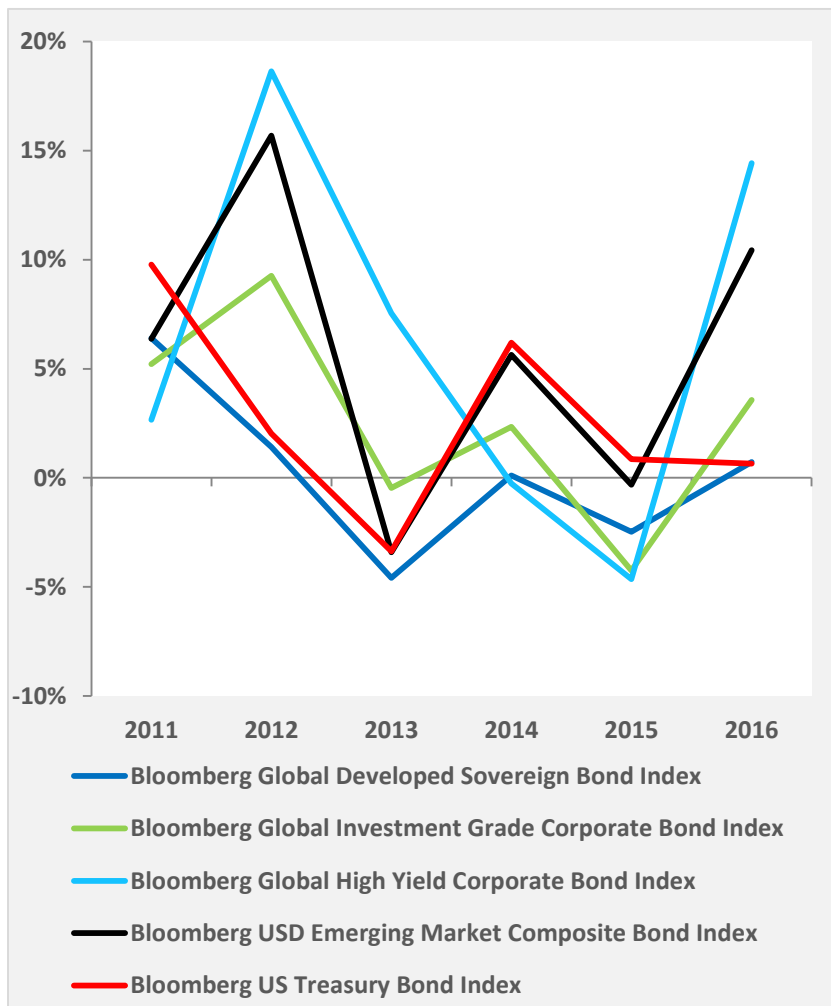
Assets Under Management by Asset Type – November-16



Equities Vs. Bonds Returns



Bond Indices – Historical Performance



Key Interest Rates – Developed Markets: *US was the only bright spot in terms of yield growth in developed markets.*



USA	Dec-14	Dec-15	Dec-16	Change
Fed Discount Rate	0.7500	1.0000	1.2500	0.2500
2-Year Bond	0.6645	1.0477	1.2540	0.2063
5-Year Bond	1.6528	1.7598	1.9961	0.2363
7-Year Bond	1.9712	2.0912	2.3115	0.2203
10-Year Bond	2.1712	2.2694	2.5080	0.2386
30-Year Bond	2.7518	3.0158	3.0931	0.0773
USD/EUR	0.8266	0.9210	0.9604	0.0394



Euro	Dec-14	Dec-15	Dec-16	Change
ECB Refinancing Rate	0.0500	0.0500	0.0000	-0.050
2-Year Bund	-0.1100	-0.3490	-0.8290	-0.480
5-Year Bund	0.0080	-0.0470	-0.5590	-0.512
7-Year Bund	0.1470	0.1640	-0.2910	-0.455
10-Year Bund	0.5380	0.6280	0.1910	-0.437
30-Year Bund	1.3840	1.4830	0.9070	-0.576
EUR/USD	1.2098	1.0862	1.0413	-0.0449

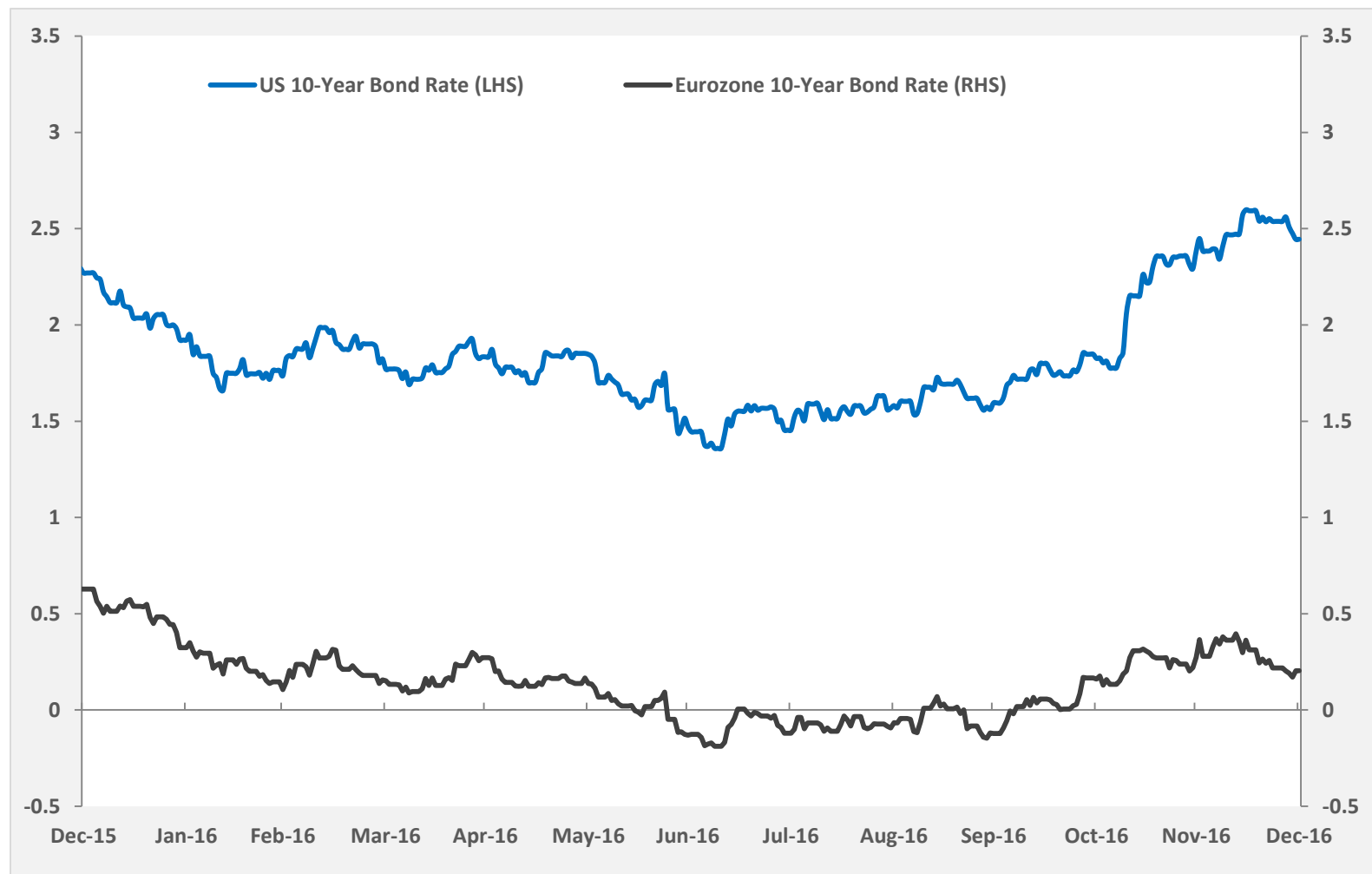


Japan	Dec-14	Dec-15	Dec-16	Change
BoJ Discount Rate	0.3000	0.3000	0.3000	0.000
2-Year Bond	-0.0270	-0.0140	-0.1670	-0.153
5-Year Bond	0.0250	0.0230	-0.0930	-0.116
7-Year Bond	0.0890	0.0630	-0.0510	-0.114
10-Year Bond	0.3220	0.2600	0.0540	-0.206
30-Year Bond	1.2340	1.2650	0.7140	-0.551
JPY/USD	119.7800	120.2200	117.2600	-2.960



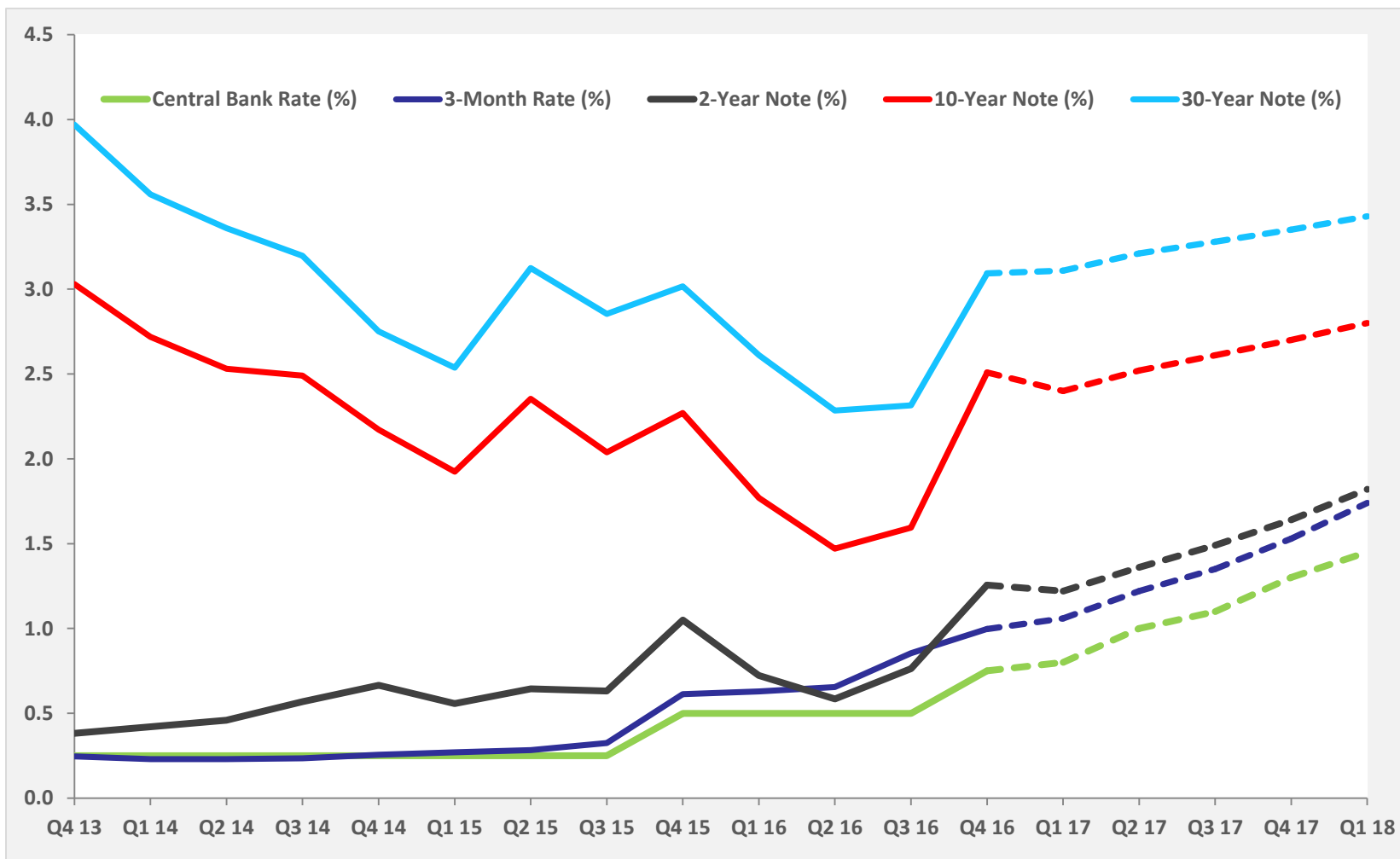
UK	Dec-14	Dec-15	Dec-16	Change
BoE Official Rate	0.5000	0.5000	0.2500	-0.250
2-Year UK Gilt	0.4420	0.6480	0.0530	-0.595
5-Year UK Gilt	1.1620	1.3430	0.5120	-0.831
7-Year UK Gilt	1.4040	1.6240	0.8450	-0.779
10-Year UK Gilt	1.7550	1.9590	1.2940	-0.665
30-Year UK Gilt	2.5060	2.6670	1.9200	-0.747
GBP/USD	1.5577	1.4736	1.2226	-0.251

Yields Movement – 2016: *Yields have improved towards the end of 2016 after declining to historical lows by mid-year.*

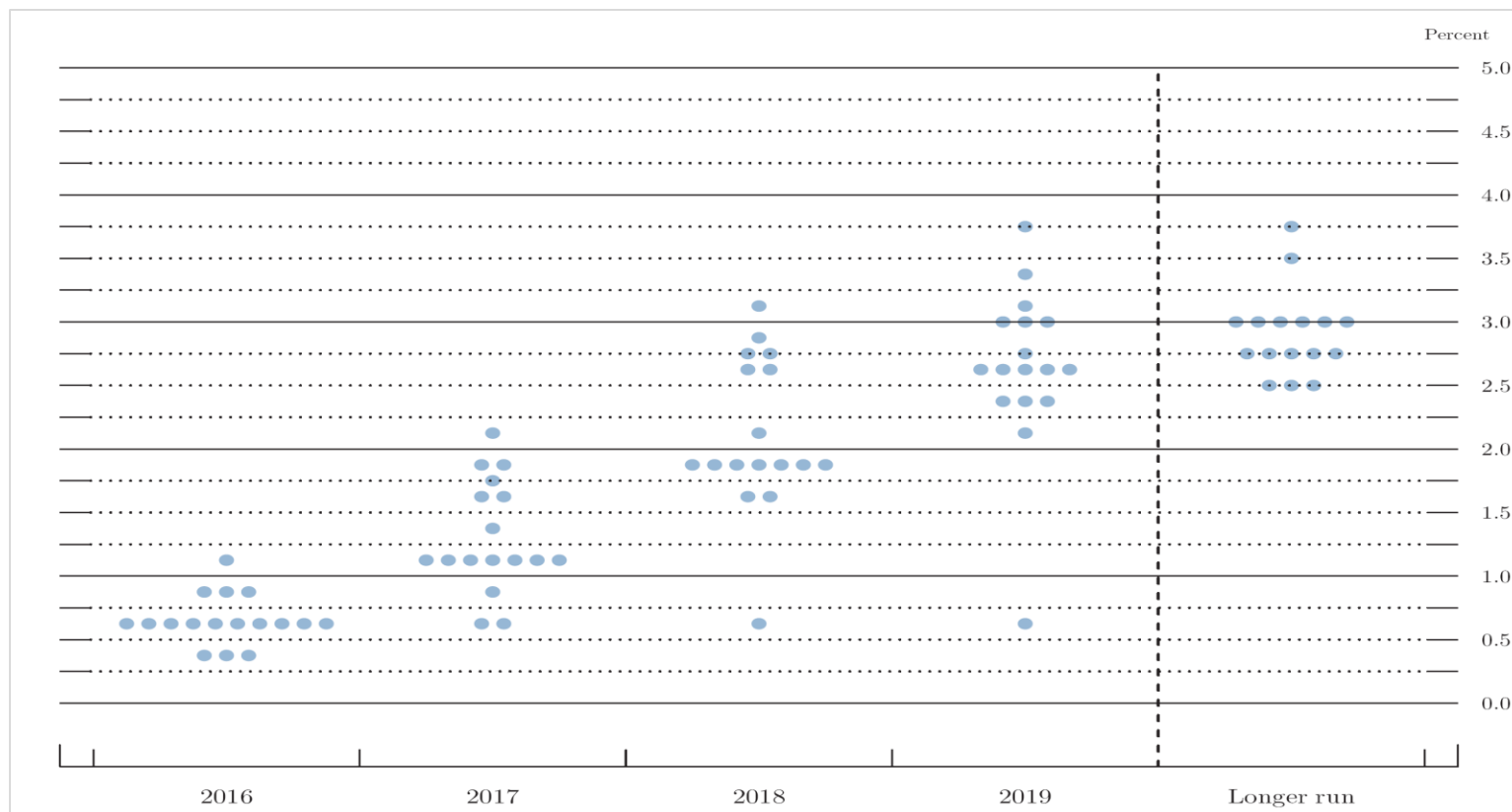


US Interest Rates: *Expectations of a rise in yields as the Fed increases the interest rates*

US Interest Rates



Appropriate pace of policy firming: *Market expects at least two rate hikes in 2017 although the equilibrium interest rate has been lowered to close to 3.5%.*



Note: Each shaded circle indicates the value (rounded to the nearest 1/8 percentage point) of an individual participant's judgment of the midpoint of the appropriate target range for the federal funds rate or the appropriate target level for the federal funds rate at the end of the specified calendar year or over the longer run.

Global Fixed Income Market Outlook

- 2016 was a volatile year for US interest rates with the 10-year bond yield on US treasuries reaching an all time low of 1.36% by mid-year only to reverse by the end of the year. Moreover, the impact of negative global events on US treasuries (for instance the Brexit, US Elections and Italian referendum) has affected the demand for these instruments.
- The US fed policy of raising rates once a year as seen over the past two years is expected to accelerate in 2017 and we expect at least two hikes this year based on higher inflation rates, firming wages and employment and higher economic growth rates.
- In Europe, negative interest rates affected the profitability of European banks during most part of 2016. However, by the end of the year, the ECB reversed its policy of an enlarged bond buying program and lifted bond purchase restrictions. The new policy hint at an end to asset purchases and point towards a first ECB rate hike in 2018.
- In terms of high yield corporate bond issuances that has declined for the past four consecutive years, 2017 is expected to see higher issuance as M&A activity is set to increase, particularly in the TMT space. In addition, before the Fed raises its rates further during the year, corporates would be looking at refinancing their debt, particularly during the first half of the year.
- Moreover, as bond yields rise, it will have an opposite impact on prices, that could to investors looking at equity assets and move their holdings from bond funds.

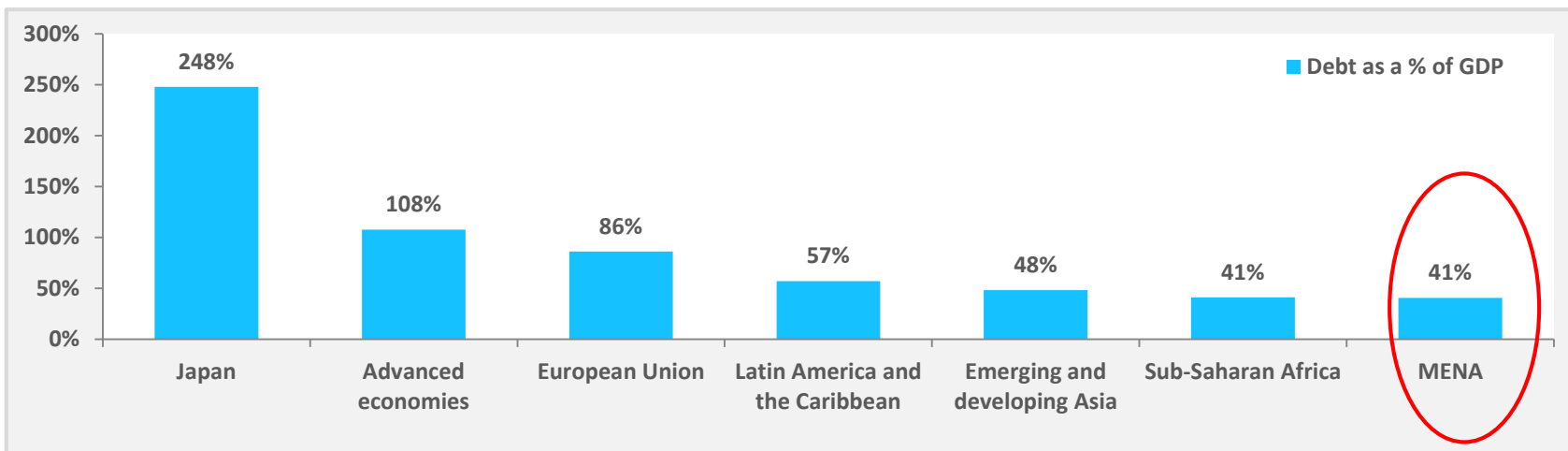


SECTION 4 | MENA Bond Market

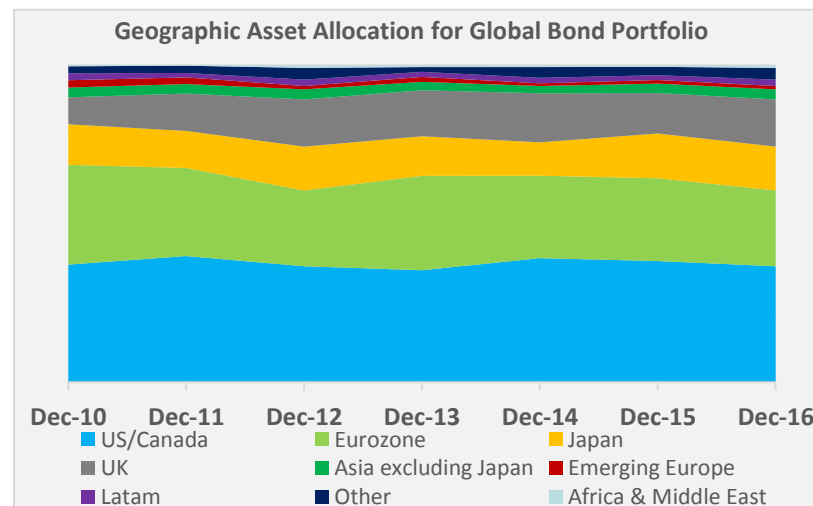
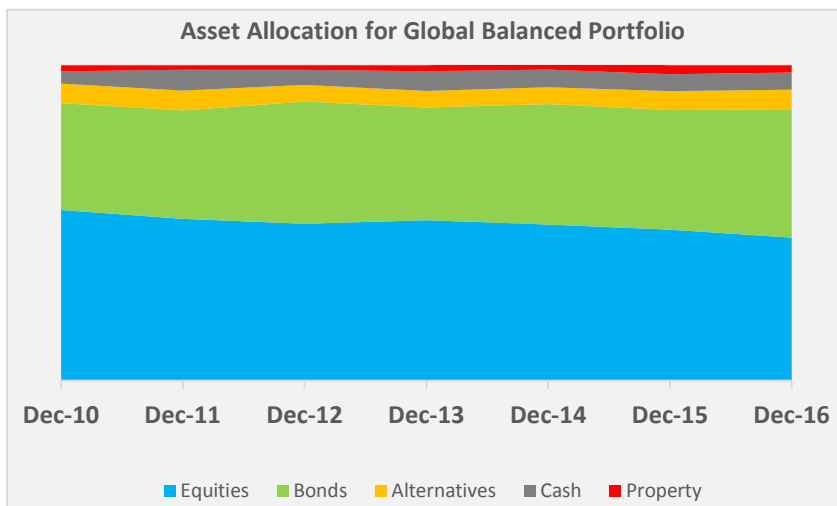


Debt infusion in economic growth: *Bonds constitute a miniscule portion of total assets in the MENA region as compared to other world economies.*

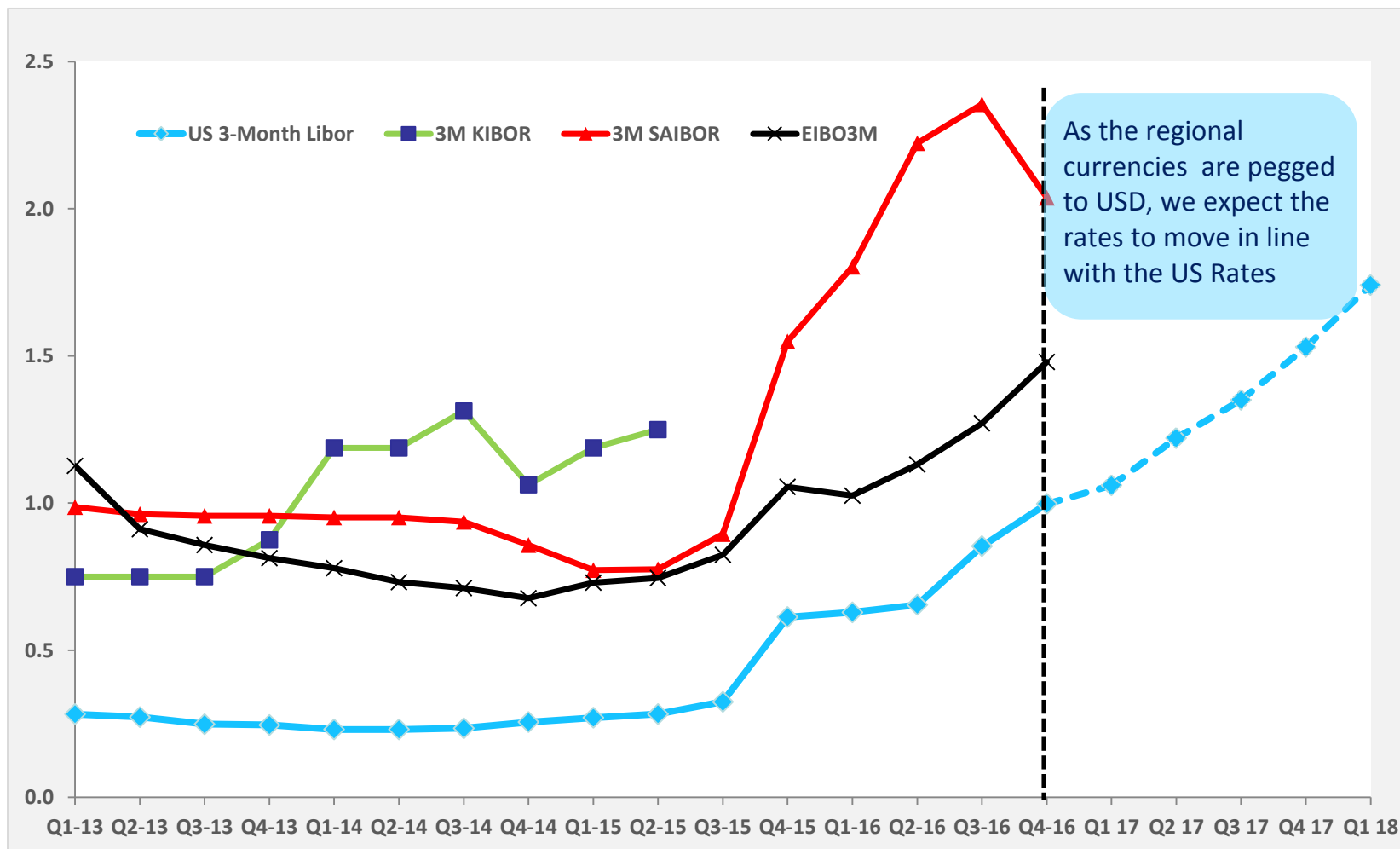
Debt as % of GDP



Asset Allocation

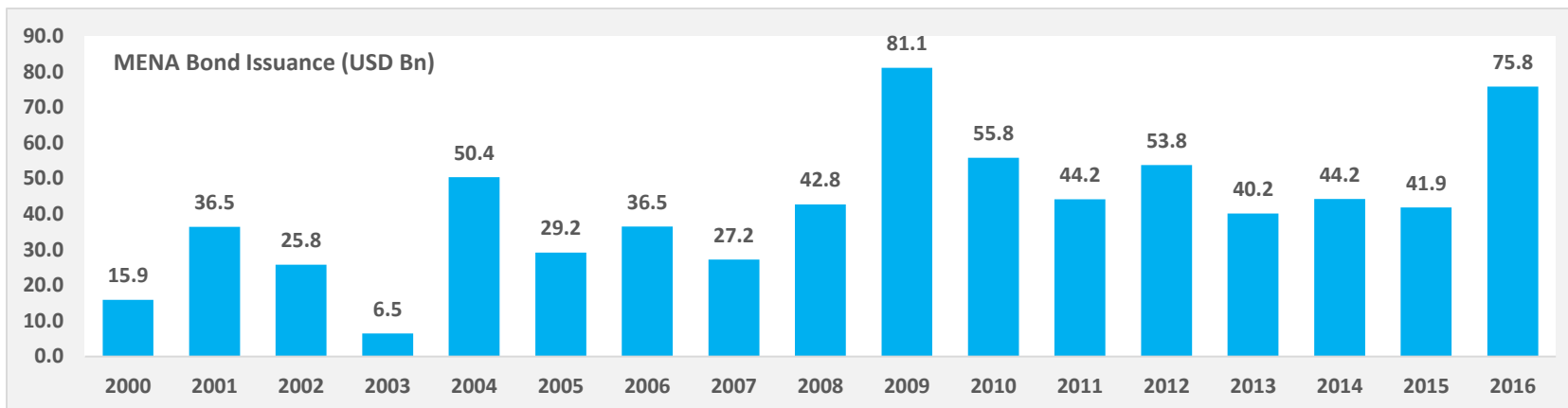


MENA Interest Rates: *Rates expected to move northwards, but the spreads might tighten.*

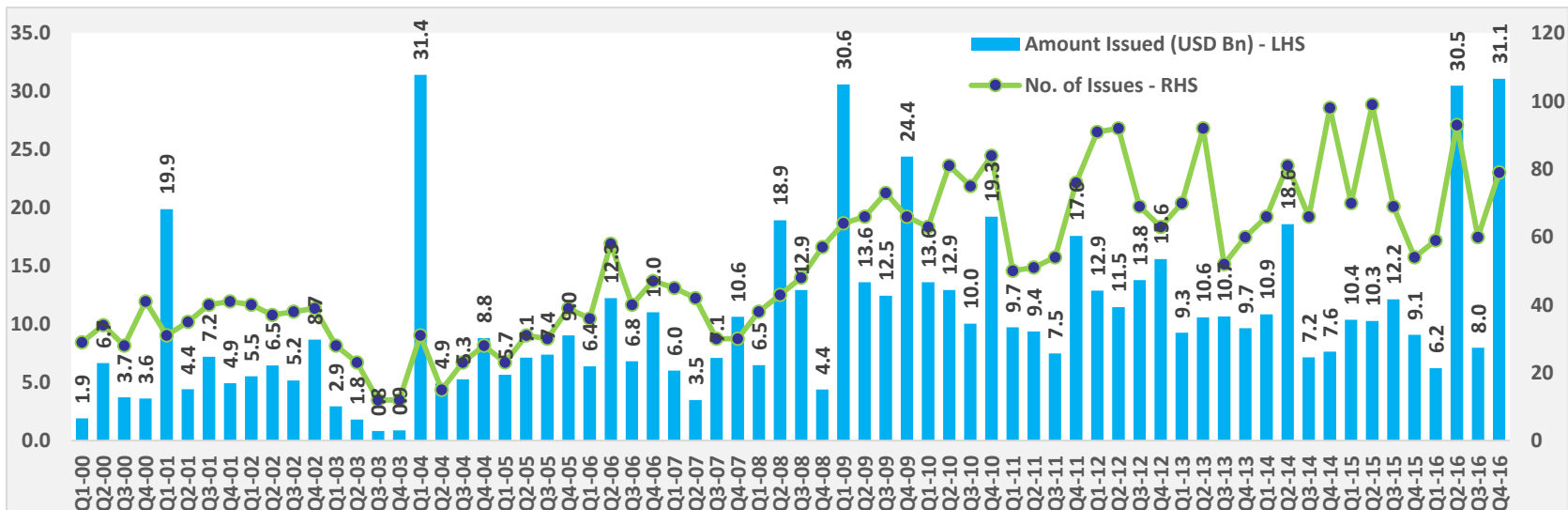


MENA Bond Market: 2016 saw a rebound in bond issuances in the MENA region primarily led by sovereign issuances to fund budgeted spending.

MENA Bonds

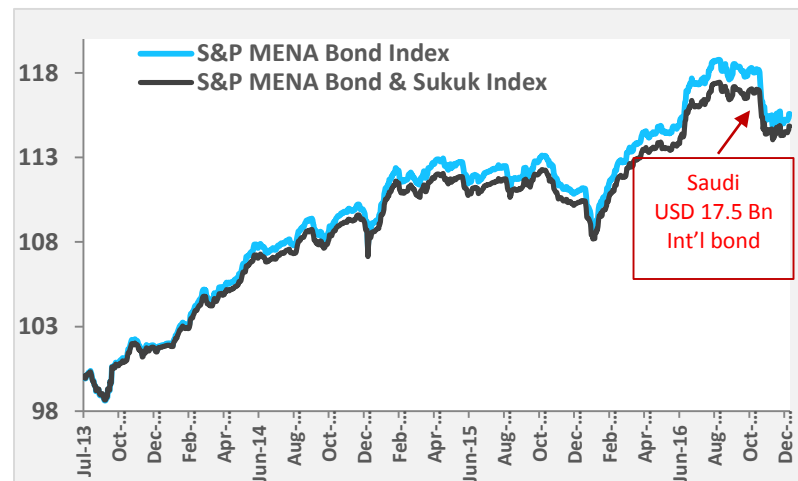
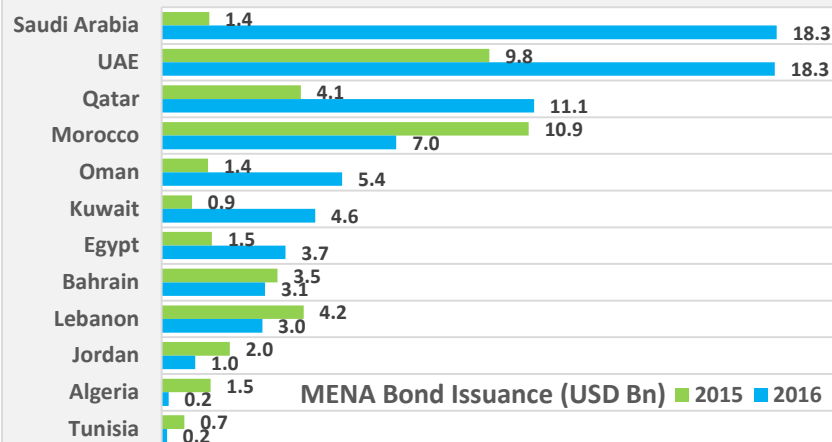


Quarterly Bonds Issuances

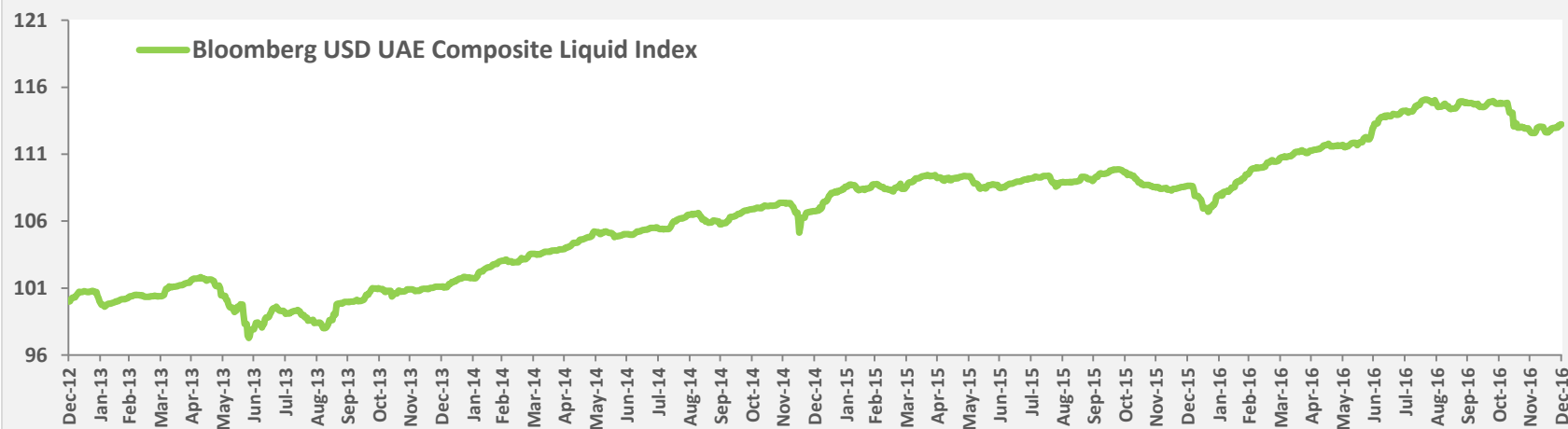


MENA Bond Market: Saudi Arabia and UAE led the region in bond issuances during 2016

MENA Bonds by Country

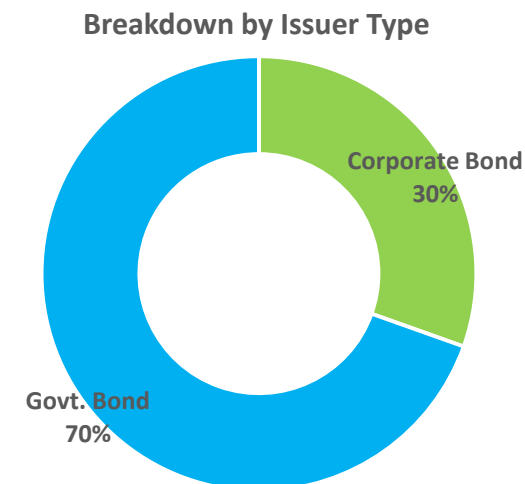
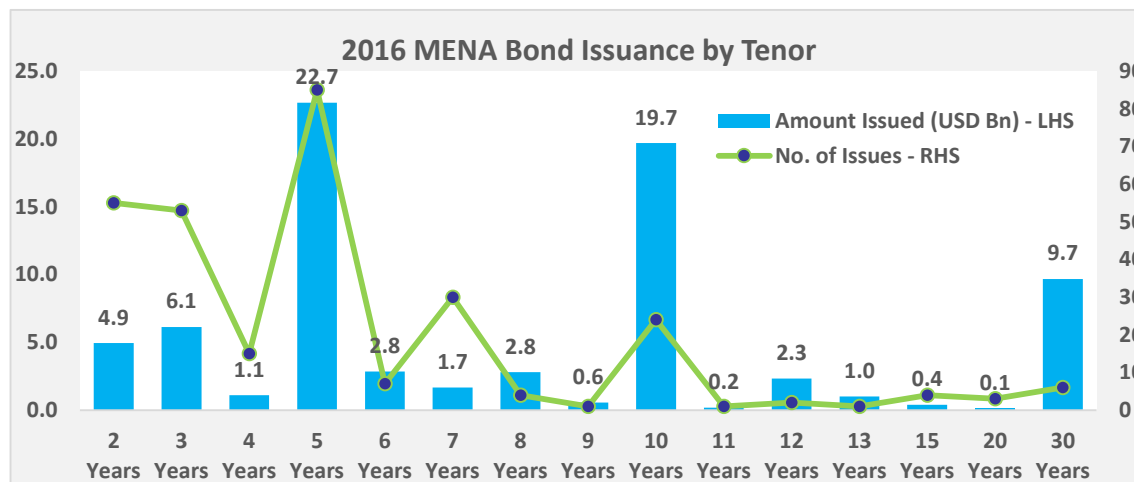


UAE Bond Index

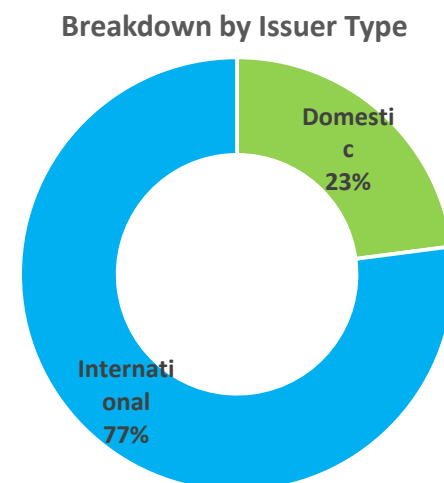
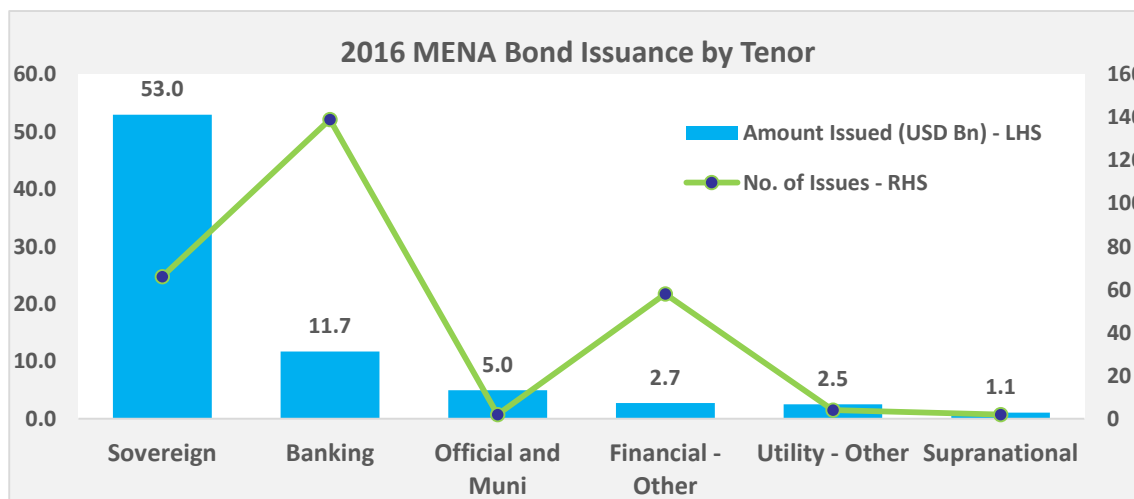


MENA Bond Issuances – 2016: *Sovereign bond issuances dominated the primary bond market.*

By Tenor



By Sector



MENA Bonds League Table - 2016

Rank	Lead Managers	Market Share (%)	Total Amount (USD Bn)	Number of Issues
1	Citi	8.7%	9.3	66
2	JP Morgan	8.2%	8.8	39
3	HSBC	5.7%	6.1	54
4	Mitsubishi UFJ Financial Group Inc	4.2%	4.5	41
5	Bank of America Merrill Lynch	3.8%	4.0	18
6	Societe Generale	3.5%	3.8	82
7	Deutsche Bank	3.5%	3.7	13
8	BNP Paribas	3.4%	3.7	26
9	Goldman Sachs	2.9%	3.1	12
10	Turkiye IS Bankasi	2.8%	3.0	65
	Total Top 10		50.0	416

Tier 1 Perpetual Bond Issuances by GCC banks

[illegible]

MENA Bonds - Yield and Duration (as of 9 Jan 2017)

Issuer Name	ISIN	Maturity Date	Amount Outstanding (USD Mn)	Coupon	Sector	Yield to Maturity	Modified Duration
Mashreqbank PSC	XS0283928264	24-Jan-17	277.9	2.007	Banking	3.3911	0.038
Abu Dhabi National Energy Co PJSC	XS0717839525	13-Mar-17	750.0	4.125	Utility - Other	1.9882	0.172
National Bank of Abu Dhabi PJSC	XS0763531406	27-Mar-17	750.0	3.250	Banking	1.7369	0.21
Emirates NBD Bank PJSC	XS0765257141	28-Mar-17	1000.0	4.625	Banking	1.7073	0.213
Arab Banking Corporation BSC	XS0293688304	04-Apr-17	355.4	2.348	Banking	15.1208	0.201
Bank of China Ltd (Abu Dhabi Branch)	XS1254575415	30-Jun-17	289.1	3.600	Banking	6.5336	0.439
Axis Bank Ltd Dubai Representative Office	US05463EAB48	05-Sep-17	750.0	5.125	Banking	2.2024	0.624
Agricultural Bank of China Co Ltd (Dubai Branch)	HK0000215043	11-Sep-17	144.6	3.500	Banking	4.0440	0.631
First Gulf Bank PJSC	XS0840538994	09-Oct-17	650.0	2.862	Banking	2.4338	0.722
Abu Dhabi National Energy Co PJSC	XS0328390702	25-Oct-17	500.0	6.165	Utility - Other	1.8850	0.763
Abu Dhabi National Energy Co PJSC	US00389FAB31	25-Oct-17	500.0	6.165	Utility - Other	1.8742	0.76
National Bank of Abu Dhabi PJSC	XS1321439272	20-Nov-17	200.0	1.379	Banking	1.6150	0.03
Gulf International Bank BSC	XS0863496633	11-Dec-17	500.0	2.375	Banking	2.3773	0.892
BankMed SAL	XS0860669398	14-Dec-17	500.0	5.375	Banking	1.4747	0.9
Industrial and Commercial Bank of China Ltd (Dubai)	XS1159803607	28-Dec-17	150.0	2.377	Banking	2.4561	0.211
Abu Dhabi National Energy Co PJSC	XS0863523972	12-Jan-18	750.0	2.500	Utility - Other	2.1860	0.966
ICICI Bank Ltd (DIFC Branch)	US45112FAC05	21-Feb-18	1000.0	4.700	Banking	2.4440	1.052
HDFC Bank Ltd (Bahrain Branch)	XS0897434949	06-Mar-18	500.0	3.000	Banking	2.4842	1.106
National Bank of Abu Dhabi PJSC	AU3CB0206068	07-Mar-18	218.7	5.000	Banking	3.2253	1.083
NBAD	XS0938970562	12-Mar-18	500.0	1.000	Banking	1.6848	1.145
IDBI Bank Ltd (DIFC Branch)	XS0832492267	26-Mar-18	500.0	4.375	Banking	2.9344	1.146
Bank Muscat SAOG	XS0908549685	26-Mar-18	500.0	2.500	Banking	2.7543	1.16
Commercial Bank of Dubai PSC	XS0933999863	21-May-18	500.0	3.375	Banking	2.5745	1.305
Emirates NBD Bank PJSC	XS0632908314	31-May-18	332.5	2.435	Banking	3.5801	0.103
BBK BSC	XS0715538764	02-Jun-18	129.9	2.684	Banking	4.8507	0.086
African Export Import Bank	XS0938043766	04-Jun-18	500.0	3.875	Supranational	3.0843	1.33
Abu Dhabi National Energy Co PJSC	XS0380056183	01-Aug-18	500.0	7.250	Utility - Other	2.3642	1.427
Shelf Drilling Holdings Ltd	USG23618AA22	01-Nov-18	475.0	8.625	Oil and Gas	19.5298	1.387
Glencore Finance Dubai Ltd	XS0857215346	19-Nov-18	1053.0	2.625	Financial - Other	0.5376	1.823
Banque Marocaine du Commerce Extérieur SA	XS0998123037	27-Nov-18	300.0	6.250	Banking	4.2895	1.719

MENA Bonds - Yield and Duration (as of 9 Jan 2017)

Issuer Name	ISIN	Maturity Date	Amount Outstanding (USD Mn)	Coupon	Sector	Yield to Maturity	Modified Duration
First Gulf Bank PJSC	XS0992167865	14-Jan-19	500.0	3.250	Banking	2.5844	1.884
IDBI Bank Ltd (DIFC Branch)	XS0908349912	25-Jan-19	500.0	3.750	Banking	3.1542	1.892
National Bank of Abu Dhabi PJSC	AU3CB0219392	19-Mar-19	291.6	4.750	Banking	3.5262	2.004
ICICI Bank Ltd (Bahrain Branch)	XS1052667158	03-Apr-19	109.4	6.125	Banking	4.3767	1.975
Emirate of Abu Dhabi	XS0422754258	08-Apr-19	1500.0	6.750	Official & Muni	1.9011	2.057
ICICI Bank Ltd (DIFC Branch)	US45112FAE60	22-May-19	1000.0	4.800	Banking	2.6940	2.193
Dolphin Energy Ltd	USM28368AA21	15-Jun-19	457.0	5.888	Oil and Gas	2.7114	1.417
Emirates Telecommunications Group Co PJSC	XS1077881743	18-Jun-19	900.0	2.375	Telecom	2.5410	2.321
African Export Import Bank	XS1091688660	29-Jul-19	700.0	4.750	Supranational	3.1710	2.314
National Bank of Abu Dhabi PJSC	XS0815939656	13-Aug-19	750.0	3.000	Banking	2.5844	2.421
Abu Dhabi National Energy Co PJSC	XS0452300402	16-Sep-19	500.0	6.250	Utility – Other	2.4413	2.419
IDBI Bank Ltd (DIFC Branch)	XS1048474396	25-Sep-19	300.0	5.000	Banking	3.3842	2.452
RAS LAFFAN LNG COMPANY LTD 3	USM8222MAG70	30-Sep-19	615.0	6.750	Oil and Gas	2.5511	2.438
RAS LAFFAN LNG COMPANY LTD 3	USM8222MAG54	30-Sep-19	615.0	6.750	Oil and Gas	2.5210	2.482
HSBC Bank Middle East Ltd	XS1114125534	01-Oct-19	400.0	2.750	Banking	2.7441	2.555
National Bank of Oman SAOG	XS1117537172	07-Oct-19	600.0	3.125	Banking	3.4041	2.541
Emirates NBD Bank PJSC	XS1138457590	19-Nov-19	1000.0	3.250	Banking	2.9241	2.663
ICICI Bank Ltd (DIFC Branch)	XS0875313099	14-Jan-20	156.3	3.650	Banking	2.7522	2.755
Emirates NBD Bank PJSC	XS1457570023	26-Jan-20	500.0	2.434	Banking	2.5953	0.011
National Bank of Abu Dhabi PJSC	XS1186986904	11-Feb-20	750.0	2.250	Banking	2.7411	2.891
First Gulf Bank PJSC	XS1193304596	24-Feb-20	900.0	2.625	Banking	2.8512	2.905
ICICI Bank Ltd (DIFC Branch)	US45112FAG19	18-Mar-20	700.0	3.500	Banking	3.1513	2.919
BBK BSC	XS1207170736	24-Mar-20	400.0	3.500	Banking	4.7512	2.887
Aabar	XS1210352784	27-Mar-20	1053.0	0.500	Financial-Other	6.3173	2.99
IDBI Bank Ltd (DIFC Branch)	XS1128264758	23-Apr-20	350.0	4.125	Banking	3.8612	2.966
Emirates NBD Bank PJSC	XS1227814883	06-May-20	350.0	3.000	Banking	2.9413	3.08
DP World Ltd	XS1234270921	18-May-20	500.0	3.250	Transportation	2.8463	3.104
Axis Bank Ltd Dubai Representative Office	US05463EAC21	21-May-20	750.0	3.250	Banking	3.3113	3.094
Industrial and Commercial Bank of China Ltd (Dubai)	XS1237348070	26-May-20	500.0	2.625	Banking	2.9613	3.15
Qatari Diar Finance Co QSC	XS0527351653	21-Jul-20	2500.0	5.000	Financial-Other	2.7916	3.132

MENA Bonds - Yield and Duration (as of 9 Jan 2017)

Issuer Name	ISIN	Maturity Date	Amount Outstanding (USD Mn)	Coupon	Sector	Yield to Maturity	Modified Duration
ICICI Bank Ltd (DIFC Branch)	XS1274011102	12-Aug-20	500.0	3.125	Banking	3.1111	3.277
Ras Laffan Liquefied Natural Gas Co Ltd II	USM8221WAA91	30-Sep-20	598.1	5.298	Oil and Gas	2.6463	1.863
Emirate of Dubai	XS0546428144	05-Oct-20	750.0	7.750	Official & Muni	2.9127	3.202
Emirates NBD Bank PJSC	XS1442120371	12-Oct-20	125.0	2.594	Banking	2.7889	0.209
Dubai Electricity and Water Authority	XS0551313686	21-Oct-20	1500.0	7.375	Agency	3.0362	3.256
IDBI Bank Ltd (DIFC Branch)	XS1325600994	30-Nov-20	350.0	4.250	Banking	3.9311	3.473
Bank Muscat SAOG	XS1402946328	03-May-21	500.0	3.750	Banking	3.6260	3.856
Emirate of Abu Dhabi	XS1402929589	03-May-21	2500.0	2.125	Official & Muni	2.5962	4.022
African Export Import Bank	XS1418627821	24-May-21	900.0	4.000	Supranational	3.9062	3.883
Axis Bank Ltd Dubai Representative Office	XS1410341389	01-Jun-21	500.0	2.875	Banking	3.4360	4.003
Industrial and Commercial Bank of China Ltd (Dubai)	XS1432570700	16-Jun-21	400.0	2.500	Banking	3.0162	4.09
Emirates Telecommunications Group Co PJSC	XS1077882121	18-Jun-21	1263.6	1.750	Telecom	0.7778	4.238
Abu Dhabi National Energy Co PJSC	XS1435072548	22-Jun-21	750.0	3.625	Utility – Other	3.2061	4.016
Emirate of Dubai	XS0640032594	22-Jun-21	500.0	5.591	Official & Muni	3.1924	3.891
National Bank of Abu Dhabi PJSC	XS1485597675	13-Sep-21	750.0	1.000	Banking	1.6761	4.492
Burgan Senior SPC Ltd	XS1489409240	14-Sep-21	500.0	3.125	Financial -Other	3.4260	4.198
Arab Petroleum Investments Corp	XS1481724711	22-Sep-21	300.0	2.146	Financial -Other	2.1617	0.167
Union National Bank PJSC	XS1498408936	05-Oct-21	600.0	2.750	Banking	3.3562	4.291
Abu Dhabi National Energy Co PJSC	XS0717839871	13-Dec-21	750.0	5.875	Utility - Other	3.3301	4.225
Dolphin Energy Ltd	USM28368AB04	15-Dec-21	1300.0	5.500	Oil and Gas	3.1860	4.263
Emirates NBD Bank PJSC	XS1207079499	23-Mar-22	579.1	1.750	Banking	1.6347	4.867
Aabar	XS1210362239	27-Mar-22	1053.0	1.000	Financial - Other	6.4039	4.744
First Gulf Bank PJSC	CH0278875940	27-May-22	196.5	0.625	Banking	0.5727	5.258
Qatar Petroleum	JP90B002KY66	17-Aug-22	727.1	1.140	Agency	0.4680	5.391
Abu Dhabi National Energy Co PJSC	XS0863524277	12-Jan-23	1250.0	3.625	Utility - Other	3.5400	5.172
Emirates NBD Bank PJSC	XS0910935021	28-Mar-23	750.0	4.875	Banking	5.1860	1.093
First Gulf Bank PJSC	XS0958044033	08-Aug-23	103.2	4.180	Banking	3.1482	5.637
OCP SA	XS1061043011	25-Apr-24	1250.0	5.625	Congl/Divd. Mfg	4.9631	5.754
Abu Dhabi National Energy Co PJSC	XS1017435352	06-May-24	750.0	3.875	Utility – Other	3.7901	6.169
Emirates Telecommunications Group Co PJSC	XS1077883012	18-Jun-24	500.0	3.500	Telecom	3.4601	6.379

MENA Bonds - Yield and Duration (as of 9 Jan 2017)

Issuer Name	ISIN	Maturity Date	Amount Outstanding (USD Mn)	Coupon	Sector	Yield to Maturity	Modified Duration
DP Wrld	XS1078764302	19-Jun-24	1000.0	1.750	Transportation	1.8778	6.871
Emirates Airline	XS0885065887	06-Feb-25	642.9	4.500	Airline	4.0400	3.47
OCP SA	XS1221677120	22-Oct-25	1000.0	4.500	Congl./DivdMfg	5.0325	6.895
ICICI Bank Ltd (DIFC Branch)	US45112FAJ57	18-Mar-26	700.0	4.000	Banking	4.3000	7.341
Emirate of Abu Dhabi	XS1402929746	03-May-26	2500.0	3.125	Official & Muni	3.3801	7.824
Emirates Telecommunications Group Co PJSC	XS1077882394	18-Jun-26	1263.6	2.750	Telecom	1.3730	8.278
Abu Dhabi National Energy Co PJSC	XS1435072464	22-Jun-26	1000.0	4.375	Utility – Other	4.1601	7.524
RAS LAFFAN LNG COMPANY LTD 3	USM8222MAD40	30-Sep-27	800.0	6.332	Oil and Gas	4.0801	6.032
RAS LAFFAN LNG COMPANY LTD 3	USM8222MAA01	30-Sep-27	850.0	5.838	Oil and Gas	4.0401	6.251
Nakilat Inc	USY62014AB48	31-Dec-33	254.6	6.267	Financial	4.6190	7.288
Nakilat Inc	USY62014AA64	31-Dec-33	850.0	6.067	Financial	4.5391	8.178
Ruwais Power Company PJSC	USM8220VAA28	31-Aug-36	825.0	6.000	Utility – Other	4.8851	11.514
Abu Dhabi National Energy Co PJSC	XS0272949016	27-Oct-36	912.5	6.500	Utility – Other	4.7490	11.557
DP World Ltd	XS0308427581	02-Jul-37	1750.0	6.850	Transportation	6.0890	10.987
Emirate of Dubai	XS0880597603	30-Jan-43	500.0	5.250	Official & Muni	5.7491	12.97
OCP SA	XS1061043367	25-Apr-44	600.0	6.875	Congl/Divd Mfg	6.6541	11.873
National Bank of Abu Dhabi PJSC	XS1502188532	21-Oct-46	621.0	0.000	Banking	4.1946	28.582

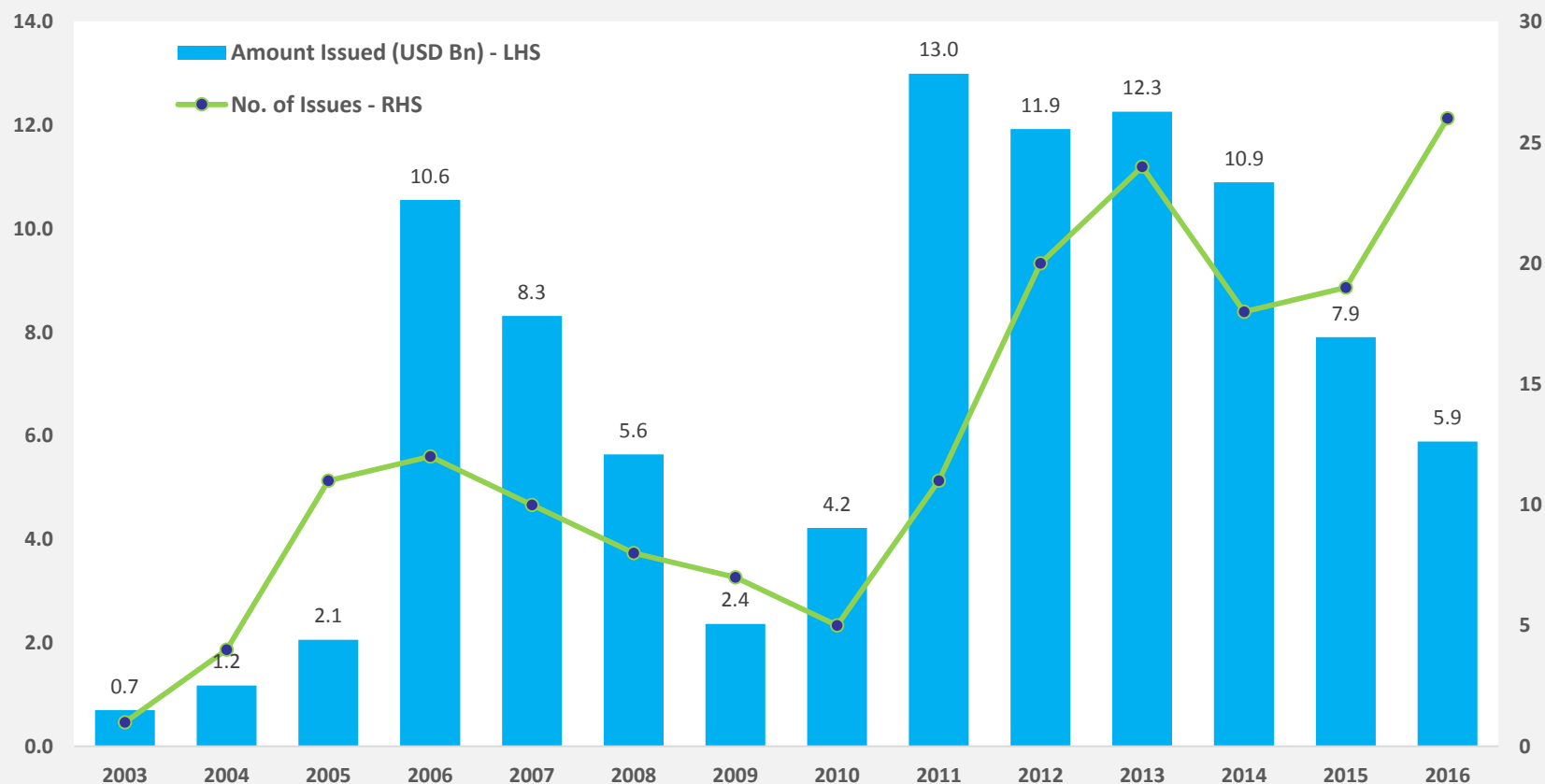


SECTION 5 | MENA SUKUK Market



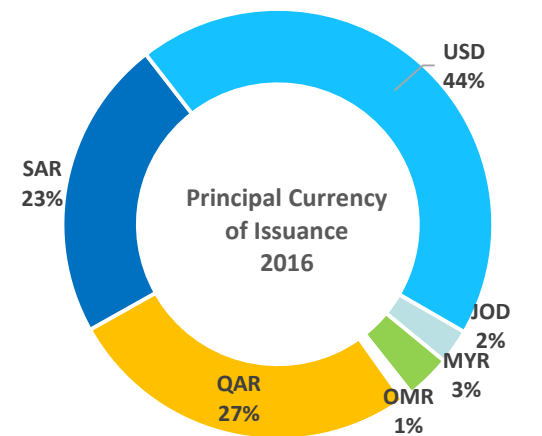
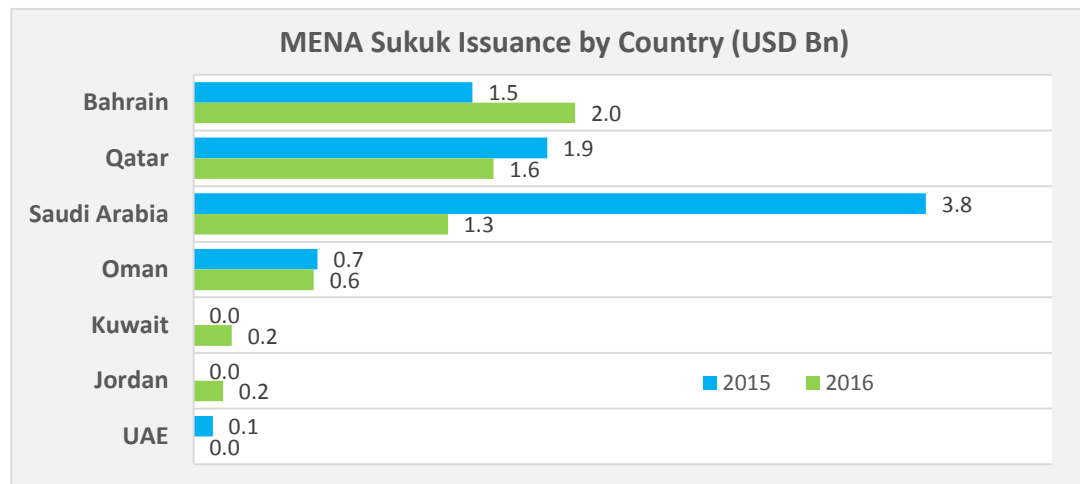
MENA Sukuk Market: *Sukuk market has declined consistently for the fourth year in a row*

MENA Sukuk Issuance - 2016

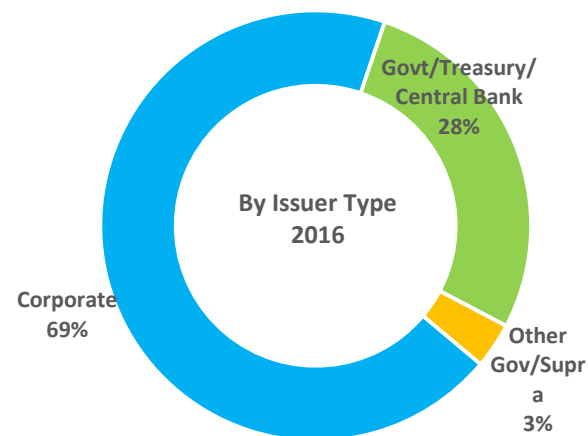
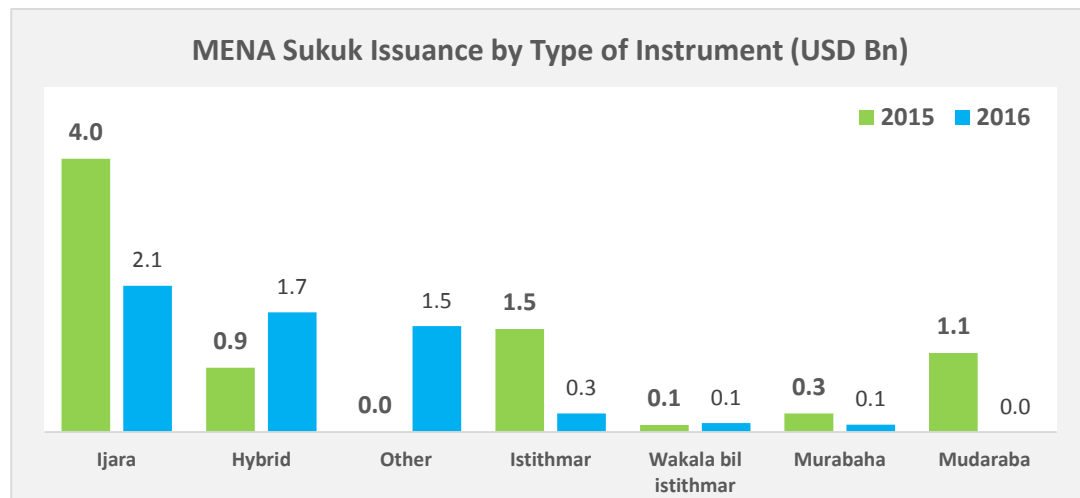


MENA SUKUK Structure: Saudi dominated the market in 2015, while 2016 belonged to Bahrain and Qatar as Saudi focused on international bond; Ijara is the preferred structure

By Country & Currency

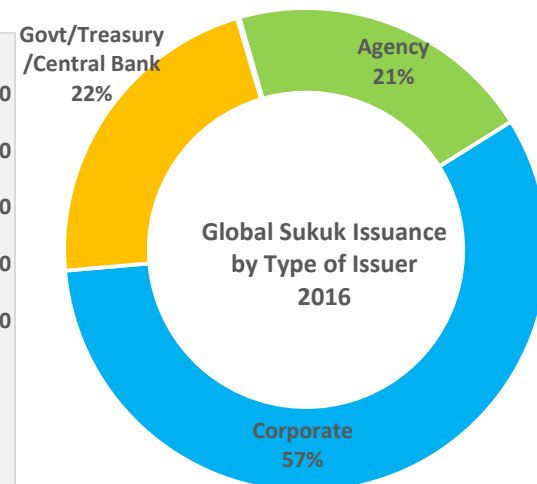
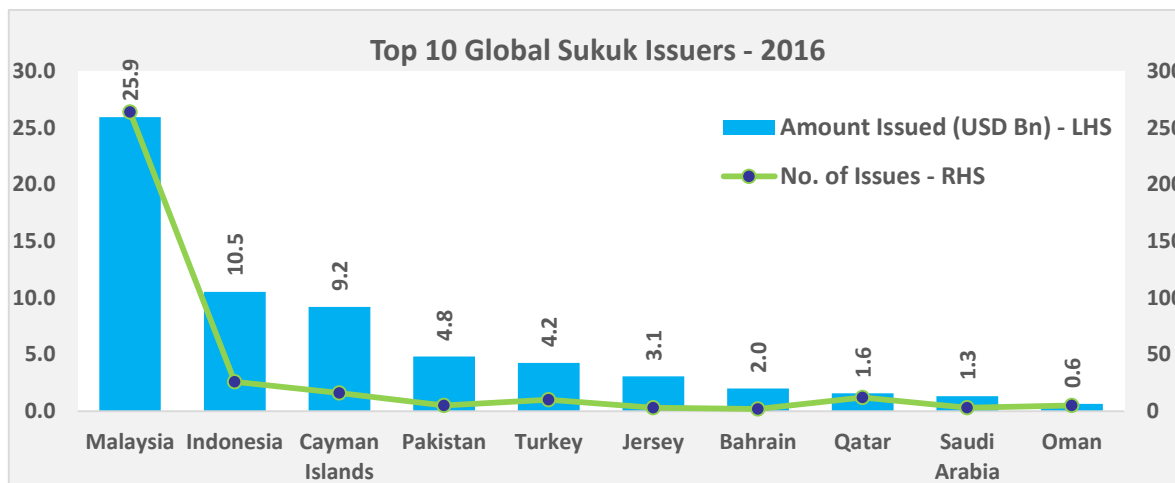


By Structure

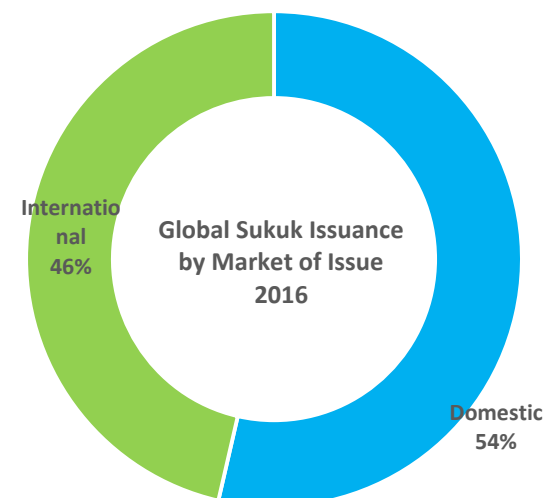
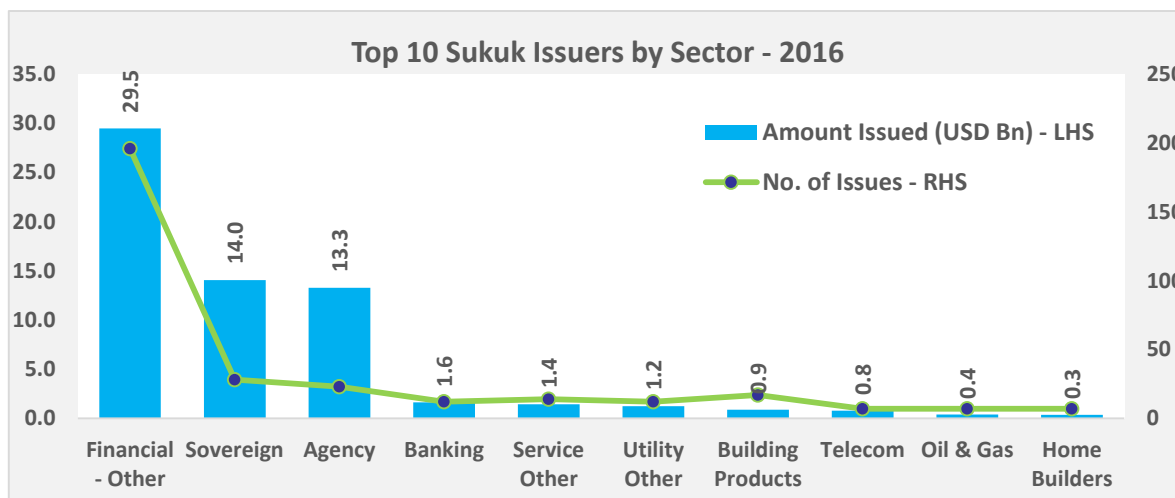


Global SUKUK Issuances – 2016: *Malaysia continues to be the leader in the global Islamic fixed income products*

By Country

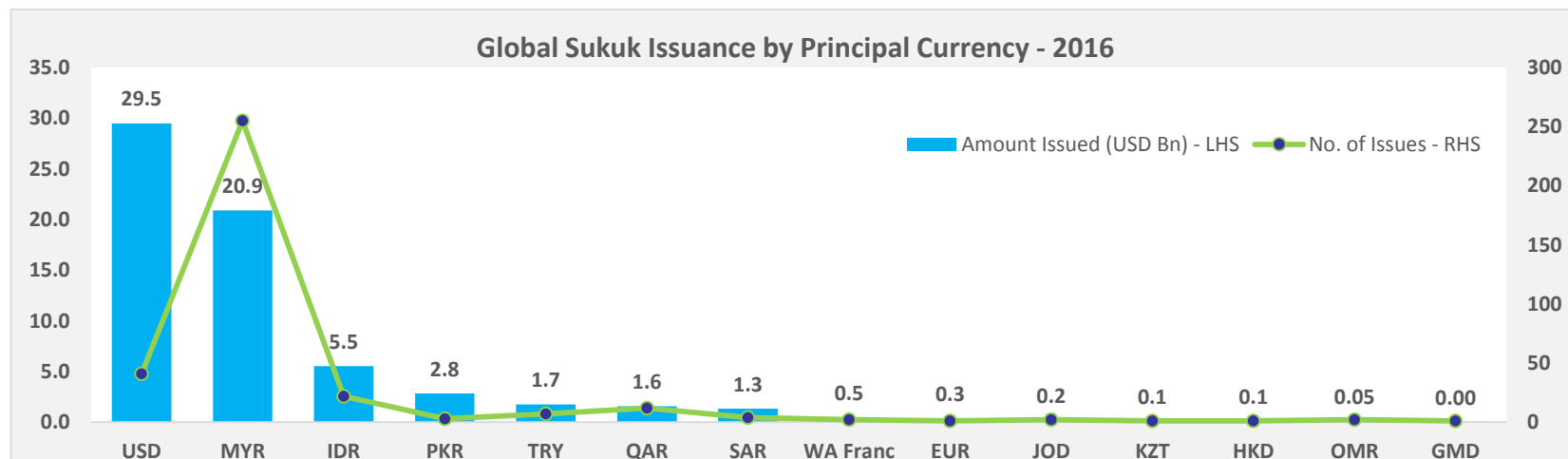


By Sector

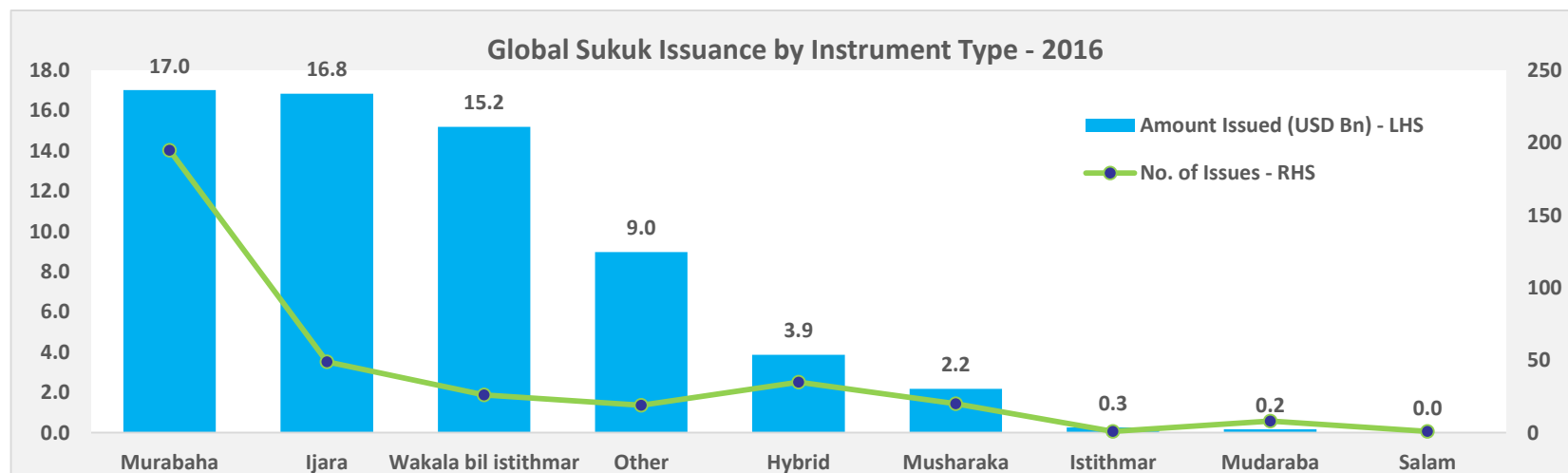


Global SUKUK Issuances – 2016: USD is the preferred currency of issuance followed by Malaysian Ringgit

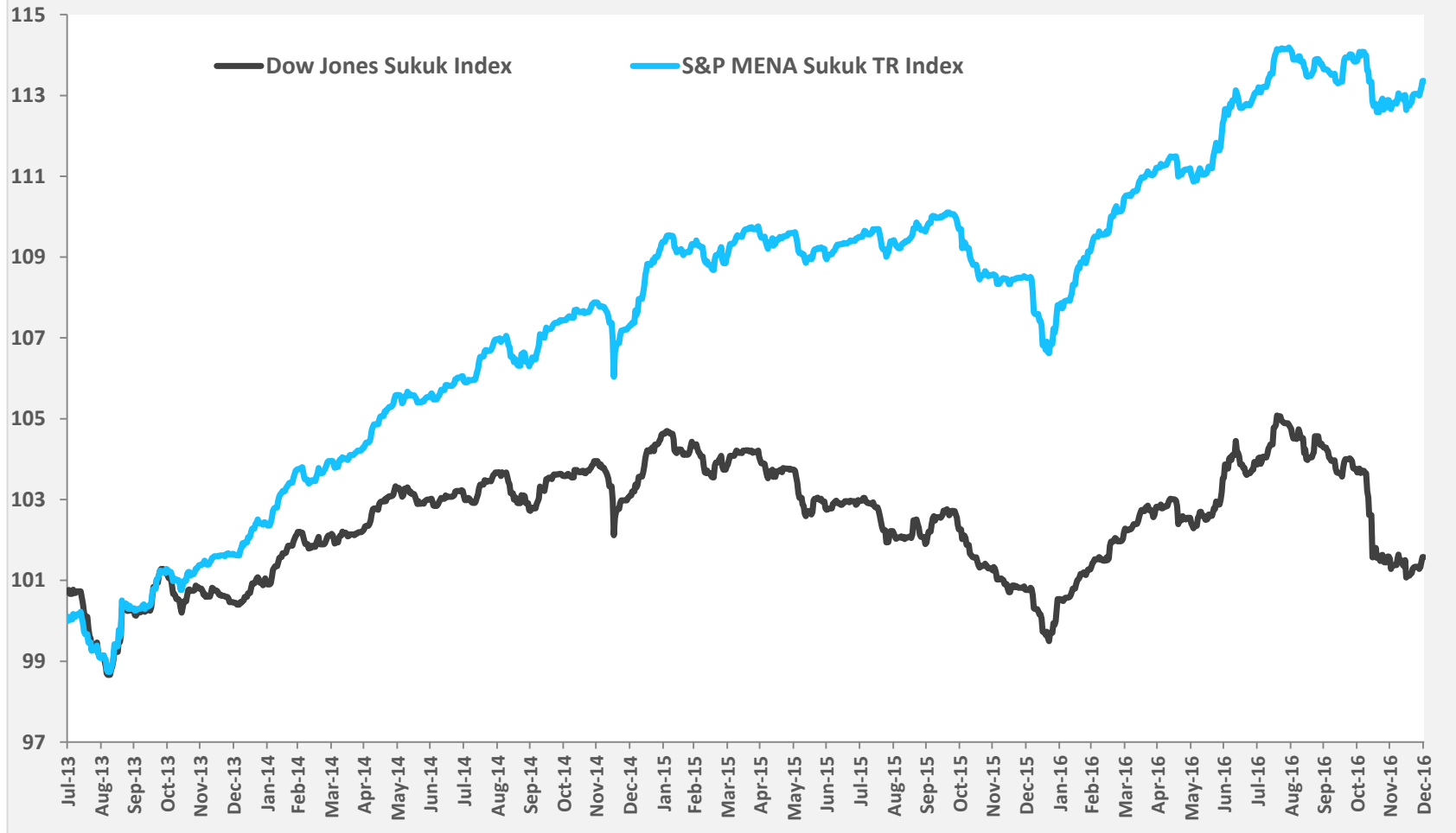
By Currency



By Instrument Type



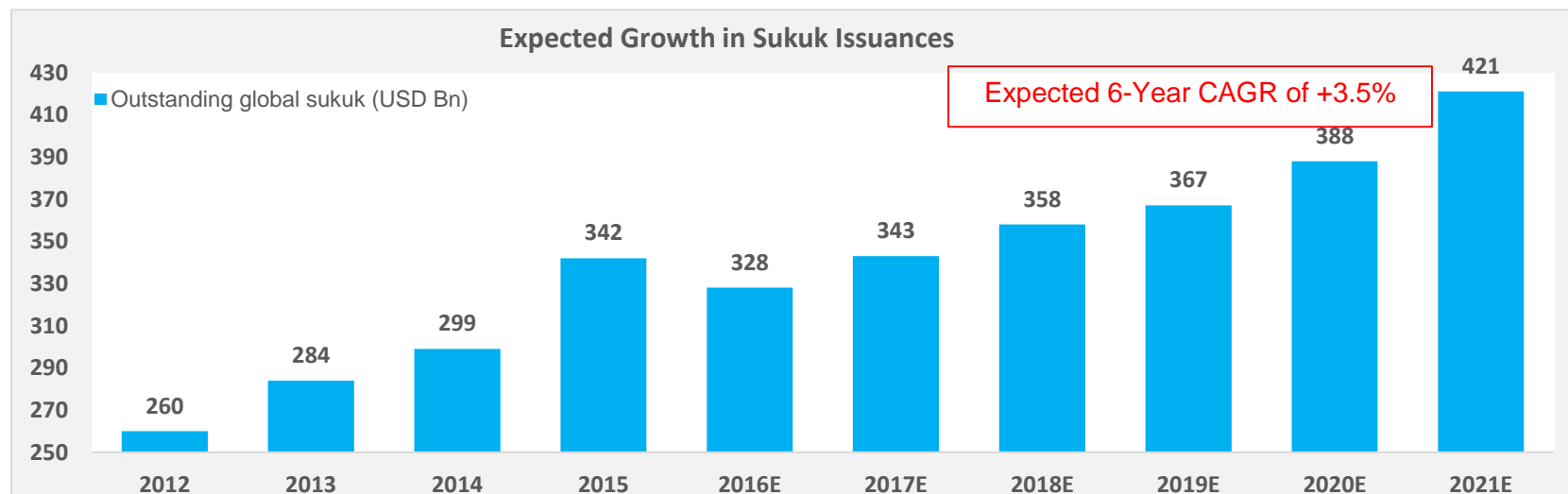
SUKUK Benchmark Index Performance



SUKUK Market Forecast

A decline in sovereign sukuk issuances in 2016 in favor of conventional international bonds that were aimed at tapping liquidity from international investors was the key reason for the decline in total sukuk issuances during 2016. However, we believe that there exists a vacuum for local investors in sukuk that would drive the attractiveness of future issuances.

We expect Malaysia to be the largest sukuk issuer in 2017, however, the country's share is expected to decline due to its central bank's policies. We believe that this decline would be more than offset by higher issuances from GCC countries that are expected to increasingly tap the Sukuk market in order to finance the budget deficits.



SUKUK Market Forecast

Amounts in USD billion	2008	2015	2016E	2017E	2018E	2019E	2020E	2021E
Percentage Sukuk Growth	-48%	-36%	-25%	10%	10%	10%	10%	10%
Total Global Sukuk Issued	20.2	65.0	48.8	53.6	59.0	64.9	71.4	78.5
Total Global Sukuk Matured	6.3	44.0	35.1	37.8	44.1	56.0	50.1	46.0
Total Global Sukuk Outstanding	38.1	309.8	327.5	343.3	358.2	367.1	388.3	420.9
Total Sukuk Demand	79.8	400.8	441.4	486.4	536.6	588.2	645.2	692.2
Sukuk Supply & Demand Gap	41.7	91.0	113.9	143.1	178.4	221.1	256.9	271.3

SUKUK League Tables - 2016

League Tables

Rank	Lead Managers	Market Share (%)	Total Amount (USD Bn)	Number of Issues
1	CIMB	12.95%	5.5	124
2	Maybank	11.12%	4.7	101
3	Standard Chartered Bank	9.13%	3.9	26
4	RHB	7.15%	3.0	107
5	HSBC	6.84%	2.9	30
6	Dubai Islamic Bank	6.20%	2.6	18
7	AmInvestment Bank Bhd	6.20%	2.6	72
8	JP Morgan	3.45%	1.5	9
9	National Bank of Abu Dhabi	3.44%	1.5	10
10	Emirates NBD PJSC	3.27%	1.4	15
Total Top 10			29.6	512

Tier 1 Perpetual Sukuk Issuances by GCC banks

Issue Details	ADIB	DIB	AHB	DIB	Boubyan Bank	Noor Bank	AUB Kuwait
Issue Date	Nov-12	Mar-13	Jun-14	Jan-15	May-16	May-16	Oct-16
Profit Payment	6.375%	6.250%	5.500%	6.750%	6.750%	6.250%	5.500%
Type	Tier 1 Sukuk	Tier 1 Sukuk	Tier 1 Sukuk	Tier 1 Sukuk	Tier 1 Sukuk	Tier 1 Sukuk	Tier 1 Sukuk
Issue Size	USD 1 Bn	USD 1 Bn	USD 500 Mn	USD 1 Bn	USD 250 Mn	USD 500 Mn	USD 200 Mn
Maturity	PerpNC6	PerpNC6	PerpNC5	PerpNC6	PerpNC5	PerpNC5	PerpNC5
Profit Payment	Fully Discretionary	Fully Discretionary	Fully Discretionary	Fully Discretionary	Fully Discretionary	Fully Discretionary	Fully Discretionary
Dividend Stopper	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dividend Pusher	No	No	No	No	No	No	No
Regulatory Call	Full Disqualification	Full Disqualification	Full or Partial Disqualification	Full or Partial Disqualification	Full or Partial Disqualification	Full or Partial Disqualification	Full or Partial Disqualification
Going Concern Principal Loss Absorption	None	None	None	None	None	None	None
CET1 Trigger based Principal Loss Absorption	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Contractual Non Viability	No	No	Yes	Yes	Yes	Yes	Yes
Optional Early Redemption	Tax, Regulatory	Tax, Regulatory	Tax, Regulatory	Tax, Regulatory	Tax, Regulatory	Tax, Regulatory	Tax, Regulatory

MENA SUKUK - Yield and Duration (as of 9 Jan 2016)

Issuer Name	ISIN	Maturity Date	Amount Outstanding (USD Mn)	Coupon	Sector	Yield to Maturity	Modified Duration
Saudi British Bank SJSC	SA131VK0GJ37	28-Mar-17	399.9	3.586	Banking	--	--
ORECO Sukuk Ltd	SA133FK0LU34	27-Jun-17	173.3	3.544	Financial - Other	--	--
SoQ Sukuk A QSC	XS0801656256	18-Jan-18	2,000.0	2.099	Financial - Other	1.977	0.987
Dar Al Arkan Sukuk Co Ltd	XS0937237831	24-May-18	450.0	5.75	Financial - Other	6.712	1.245
CBB International Sukuk Company No 3 SPC	XS0708899272	22-Nov-18	750.0	6.273	Financial - Other	3.146	1.725
Dar Al Arkan Sukuk Co Ltd	XS1072498006	28-May-19	400.0	6.5	Financial - Other	6.611	2.090
JAFZ Sukuk 2019 Ltd	XS0794821453	19-Jun-19	650.0	7	Financial - Other	2.886	2.222
DSI Sukuk Ltd	AE009A2F5555	12-Nov-19	120.0	5.1521	Financial - Other	--	--
Alawwal Bank	SA12GHI0GA31	31-Dec-19	193.3	4.11	Banking	--	--
National Bank of Abu Dhabi PJSC	MYBPN1000552	28-Dec-20	111.8	4.9	Banking	4.387	3.494
Gulf Investment Corporation SAG	MYBVI1600334	16-Mar-21	100.6	5.1	Supranational	5.176	3.568
Bank Aljazira JSC	SA12PVK0FUJ7	29-Mar-21	266.6	4.151	Banking	--	--
Abu Dhabi National Energy Co PJSC	MYBVN1200689	03-Mar-22	145.4	4.65	Utility - Other	4.705	4.352
Oman Sovereign Sukuk SAOC	XS1439099489	14-Jul-22	500.0	3.5	Financial - Other	3.496	3.991
National Shipping Company of Saudi Arabia JSC	SA13RVK1V1J9	30-Jul-22	1,039.9	3.1182	Transportation	--	--
SoQ Sukuk A QSC	XS0801656330	18-Jan-23	2,000.0	3.241	Financial - Other	2.855	5.291
CBB International Sukuk Company 5 S.P.C	XS1405770733	12-Feb-24	1,000.0	5.624	Financial - Other	5.031	5.603
CBB International Sukuk Company 5 S.P.C	US12480UAA51	12-Feb-24	1,000.0	5.624	Financial - Other	5.135	5.734
DIFC Sukuk Ltd	XS1120403313	12-Nov-24	700.0	4.325	Financial - Other	3.860	6.456
Arabian Aramco Total Services Co JSC	SA12T112EB32	20-Dec-25	999.8	3.2709	Financial - Other	--	--
Saudi Basic Industries Corporation SJSC	SA000A0GUP7	15-Jul-26	799.9	2.0525	Agency	--	--
National Bank of Abu Dhabi PJSC	MYBPS1200797	09-Dec-27	111.8	4.75	Banking	4.903	8.182
Sadara Basic Services Co SJSC	SA13A0P145J6	15-Dec-28	1,999.7	3.158	Financial - Other	--	--
Saudi Electricity Co SJSC	SA12IG52FSJ3	10-May-30	1,866.4	3.151	Electric Utility	--	--
Saudi Electricity Co SJSC	SA13GVK2FT34	30-Jan-54	1,199.8	3.082	Electric Utility	--	--
Damac Real Estate Development Ltd		21-Mar-17	100.0	--	Financial Other	--	--
Almarai Co SJSC	SA139VK2TRJ1	30-Mar-18	209.8	3.451	Food Processors	--	--
Modern Sukuk Co SAOC	OM0000004750	30-Oct-18	130.0	5	Financial Other	--	--
Almarai Co SJSC	SA133VK2TPJ1	07-Mar-19	266.7	3.44	Food Processors	--	--
National Industrialization Company JSC	SA132VK106J5	21-May-19	533.4	3.335	Financial Other	--	--

MENA SUKUK - Yield and Duration (as of 9 Jan 2016)

Issuer Name	ISIN	Maturity Date	Amount Outstanding (USD Mn)	Coupon	Sector	Yield to Maturity	Modified Duration
National Petrochemical Co SJSC	SA13JFK0V9J3	23-Jun-19	319.9	3.928	Chemicals	--	--
Fawaz Abdulaziz Alhokair Co SJSC	SA13JFK228J6	26-Jun-19	133.3	4.0809	Service - Other	--	--
Advanced Petrochemical Co SJSC	SA13LVK14DJ6	17-Nov-19	266.7	--	Chemicals	--	--
Alawwal Bank	SA135VK0GAJ2	26-Nov-19	373.3	3.431	Banking	--	--
Banque Saudi Fransi SJSC	SA136FK0GDJ5	18-Dec-19	506.6	3.125	Banking	--	--
Savola Group Co SJSC	SA138VK2TQJ4	22-Jan-20	400.0	3.4173	Financial - Other	--	--
Almarai Co SJSC	SA139VK2TR33	31-Mar-20	136.8	2.0144	Food Processors	--	--
Najran Cement Co SJSC	SA13RFK1EV32	14-Jun-20	106.7	3.429	Industrials	--	--
Al Othaim Real Estate Investment & Development Co	SA13SFK0M135	01-Sep-20	266.7	2.6313	Financial - Other	--	--
Oman Sovereign Sukuk SAOC	OM0000006037	03-Nov-20	650.0	3.5	Financial - Other	--	--
Riyad Bank SJSC	SA13DVK0FPJ0	11-Nov-20	1,066.8	2.892	Banking	--	--
Saudi British Bank SJSC	SA13EFK0GJJ0	17-Dec-20	399.9	3.606	Banking	--	--
National Electric Power Co		23-May-21	106.0	3.5	Electric Utility	--	--
Saudi International Petrochemical Co SJSC	SA143FK14431	16-Jul-21	266.6	4.556	Oil and Gas	--	--
General Authority of Civil Aviation	SA130VK0P132	18-Jan-22	3,999.5	2.5	Aerospace	--	--
Almarai Co SJSC	SA13SVK2TTJ2	16-Sep-22	426.6	3.588	Food Processors	--	--
General Authority of Civil Aviation	SA13DFK0P1J1	07-Oct-23	4,056.8	3.21	Aerospace	--	--
Alawwal Bank	SA13EFK0GBJ7	12-Dec-23	666.8	2.8688	Banking	--	--
National Commercial Bank SJSC	SA13HFK0IEJ4	19-Feb-24	1,333.3	3.451	Banking	--	--
Saudi Investment Bank SJSC	SA13JFK0G534	05-Jun-24	533.4	3.704	Banking	--	--
Saudi Telecom Co SJSC	SA13JFK3DHJ0	10-Jun-24	533.3	2.4611	Agency	--	--
Banque Saudi Fransi SJSC	SA13JFK0GE39	18-Jun-24	533.2	2.3525	Banking	--	--
Saudi British Bank SJSC	SA13QVK0GK33	28-May-25	399.9	3.581	Banking	--	--
Riyad Bank SJSC	SA13RFK0FQ39	24-Jun-25	1,066.4	3.378	Banking	--	--
Arab National Bank	SA13TFK0GSJ4	07-Oct-25	533.3	3.852	Banking	--	--
Bank Aljazira JSC	SA143FK0FVJ0	02-Jun-26	533.3	4.16	Banking	--	--
Bank Albilad SJSC		30-Aug-26	533.4	4.298	Banking	--	--
Tadawul Real Estate Sukuk Co Ltd	SA13MFK0M032	03-Dec-26	173.3	--	Financial - Other	--	--
Saudi Basic Industries Corporation SJSC	SA122G50VEJ5	15-May-28	1,333.2	2.655	Agency	--	--
Power & Water Utility Company for Jubail and Yanbu	SA13AVK2EC37	28-May-33	666.6	2.95	Utility - Other	--	--
Golden Belt 1 Sukuk Company BSCC	XS0296496424	15-May-12	650.0	2.2625	Financial - Other	--	--



SECTION 6 | The Way Forward



Need for Vibrant MENA Fixed Income Market

Debt instrument financing in the MENA region continues to account for a miniscule pie of the total capital market when compared to other markets globally. The share of the MENA region was the lowest when compared to all other regions in the world.

Despite strong growth, islamic finance still accounts for a miniscule portion of the total global financial assets. Total global commercial banking assets stood at USD 162 Trillion at the end of 2015 vs. merely USD 1.5 Trillion for Islamic banking assets. GCC continues to maintain its regional lead in with assets totaling USD 922 Bn as strong balance sheets allowed them to sustain the oil price shock.

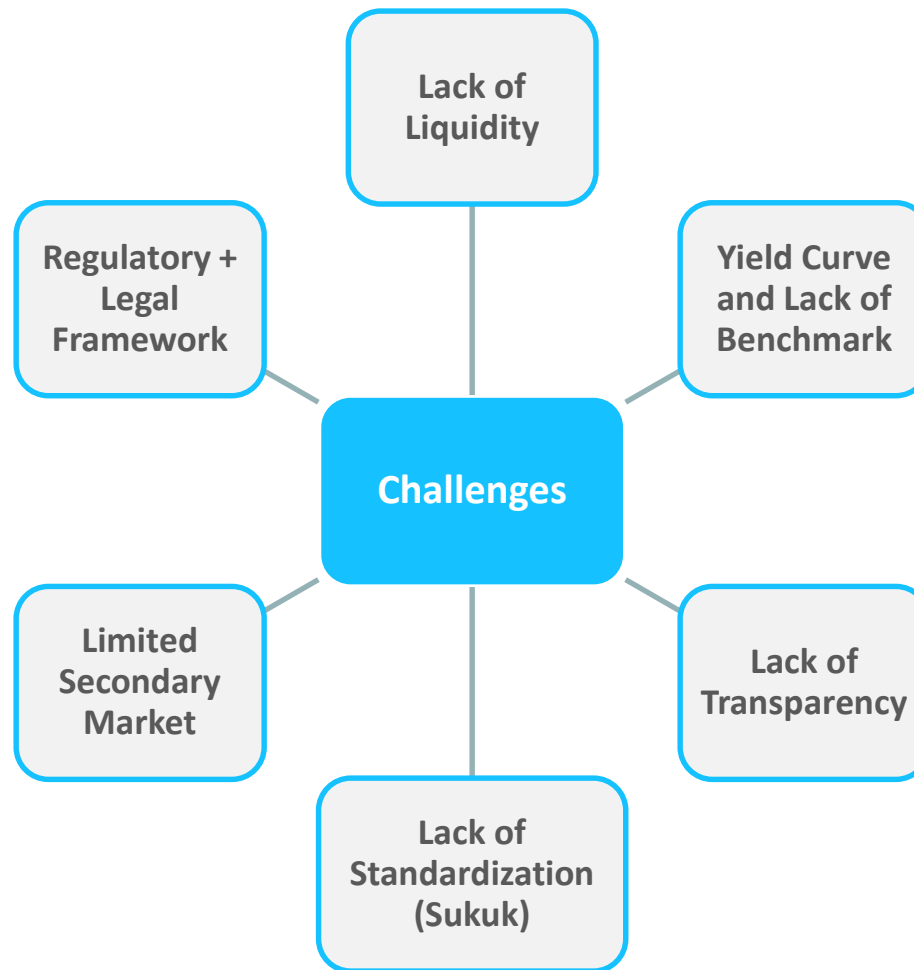
GCC economies are increasingly looking at alternative sources of funding for the massive ongoing infrastructure projects in the region. Private sector participation is being encouraged which would require a well structured fixed income market as a source of funding.

Governments will have to lead the market in terms of issuing bonds for all maturities, so that there can be a “yield curve” which can be used to price other fixed income securities.

Provides an asset class for portfolio diversification, particularly for investors with long-term liabilities;

Enables corporations to reduce their financing costs and provides for a more efficient allocation of savings.

Challenges Facing the Fixed Income Market (Bonds & SUKUK)



Islamic Finance Opportunities and Challenges

Opportunities

- Large untapped funds which are currently yielding zero or very low returns in the region and globally can be tapped with Islamic investment products.
- Development of a framework for Islamic financing would result in additional safeguards for the investors in Shariah-compliant investment products.
- Infrastructure financing would trigger additional Sukuk issuances in the GCC region.
- Shariah-compliant pensions is another area that is increasingly being looked at globally.
- A focus on developing the SME segment to drive the diversification of the non-oil economy would provide a boost to Islamic instruments for working capital needs, trade financing, debt restructuring and other types of funding needs.

Challenges

- The key challenge for Islamic finance continues to be related to policy formulation and its implementation in the domestic market as well as globally with trading partners.
- Fragmented industry with lack of technical and contractual standardization that continues to hinder the growth of the industry.
- Public awareness about Islamic products remains very limited and financial institutions would play a key role in spreading this information.

Investors need a well diversified portfolio

Color	Asset Class	Index Description	% Allocation	Total Return (%)	Std Dev (%)	Return / Risk	Sharpe Ratio
	Cash	S&P / BGC 3-6 M US T Bill TRI	10.0%	3.1%	2.4%	1.27	0.00
	US Stocks	S&P 500 Index	10.0%	7.6%	17.3%	0.44	0.26
	REIT	FTSE NAREIT ALL REITs Index	10.0%	12.0%	18.4%	0.65	0.48
	Large Cap Value Stocks	Russel 1000 Index Total Return	10.0%	10.1%	18.0%	0.56	0.39
	Gold	Gold Spot Price	10.0%	4.3%	15.0%	0.29	0.08
	Commodities	S&P GSCI TRI	10.0%	0.0%	25.8%	0.00	-0.12
	Non-US Stocks	MSCI Daily TR Gross EAFE USD Index	10.0%	5.6%	19.2%	0.29	0.13
	Bonds	Barclays US Aggregate TR Value Unhe	10.0%	6.0%	5.0%	1.21	0.60
	Emerging Markets	MSCI Daily TR Gross EM Local	10.0%	18.3%	47.5%	0.39	0.32
	US Treasuries	iBoxx USD Treasuries TRI	10.0%	7.9%	12.2%	0.64	0.39
Portfolio Cumulative : 813.4%			100.0%	8.9%	10.4%	0.86	

Diversification is among the best strategies for investors for their long term investment goals.

Fixed Income securities, although recorded lower relative returns, reduces the volatility of the portfolio.

Through efficient asset allocation and managing risk return trade-off investor can meet their investment goals.

Diversification Benefits

Investors need a well diversified portfolio...

Average yearly returns for an equally weighted portfolio (%)

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
25.3	10.0	29.0	3.5	17.6	13.5	8.6	2.9	17.7	5.2	-3.7	2.2	22.7	12.5	12.7	13.9	12.5	-21.1	20.6	13.4	3.2	10.0	4.9	5.0	-4.7	6.6

BEST

Emerging Markets 118.1	Emerging Markets 64.8	Emerging Markets 184.9	Emerging Markets 27.7	Large Cap Value 37.8	REITs 35.3	Large Cap Value 32.9	Large Cap Value 27	Emerging Markets 77.9	Commodities 49.7	REITs 13.9	Commodities 32.1	Emerging Markets 46.7	REITs 31.6	Emerging Markets 35.8	REITs 35.1	Emerging Markets 33.6	US Treasuries 24	Emerging Markets 62.8	Gold 29.6	US Treasuries 29.9	REITs 19.7	Large Cap Value 33.1	REITs 28	REITs 2.8	Large Cap Value 12.1
REITs 35.7	REITs 14.6	Non-US Stocks 32.9	Non-US Stocks 8.1	US Stocks 34.1	Commodities 33.9	US Stocks 31.0	US Stocks 26.7	Commodities 40.9	REITs 26.4	Bonds 8.4	Gold 24.8	Non-US Stocks 39.2	Non-US Stocks 20.7	Commodities 25.6	Emerging Markets 28.8	Commodities 32.7	Gold 5.8	Non-US Stocks 32.5	REITs 27.9	Gold 10.1	Non-US Stocks 17.9	US Stocks 29.6	US Treasuries 25.1	Large Cap Value 0.9	Commodities 11.4
Large Cap Value 33.0	Large Cap Value 8.9	REITs 19.7	Commodities 5.3	US Treasuries 30.7	Large Cap Value 22.4	REITs 20.3	Non-US Stocks 20.3	Non-US Stocks 27.3	US Treasuries 20.3	Emerging Markets 7.9	US Treasuries 16.8	REITs 37.1	Commodities 17.3	Gold 17.9	Non-US Stocks 26.9	Gold 30.9	Bonds 5.2	Large Cap Value 28.4	Large Cap Value 16.1	REITs 8.3	Emerging Markets 17.4	Non-US Stocks 23.3	Large Cap Value 13.2	Bonds 0.5	Emerging Markets 10.1
US Stocks 26.3	US Treasuries 8.0	US Treasuries 17.2	Cash 4.2	Commodities 20.3	US Stocks 20.3	US Treasuries 15.1	US Treasuries 13.5	Large Cap Value 20.9	Bonds 11.6	Cash 5.0	Bonds 10.3	Large Cap Value 29.9	Emerging Markets 16.4	Non-US Stocks 14.0	Gold 23.2	Non-US Stocks 11.6	Cash 3.0	REITs 28.0	Emerging Markets 14.4	Bonds 7.8	Large Cap Value 16.4	Emerging Markets 3.8	US Stocks 11.4	Cash 0.2	US Stocks 9.5
US Treasuries 18.5	Bonds 7.4	Gold 16.8	REITs 3.2	Bonds 18.5	Emerging Markets 13.5	Bonds 9.7	Bonds 8.7	US Stocks 19.5	Cash 6.3	US Treasuries 4.2	REITs 3.8	US Stocks 26.4	Large Cap Value 11.4	REITs 12.2	Large Cap Value 15.5	US Treasuries 9.8	Large Cap Value -37.6	Gold 24.4	US Stocks 12.8	Large Cap Value 1.5	US Stocks 13.4	REITs 2.9	Bonds 6.0	Non-US Stocks -0.4	REITs 8.6
Bonds 16	US Stocks 4.5	Large Cap Value 10.2	Large Cap Value 0.4	REITs 15.3	Non-US Stocks 6.4	Cash 5.6	Cash 5.5	Cash 4.8	Gold -5.5	Gold 2.5	Cash 2.0	Commodities 20.7	US Stocks 9.0	US Treasuries 6.5	US Stocks 13.6	Bonds 7.0	REITs -37.7	US Stocks 23.5	US Treasuries 9.4	Cash 0.2	Gold 7.1	Cash 0.1	Emerging Markets 5.6	US Stocks -0.7	Gold 8.1
Non-US Stocks 12.5	Commodities 4.4	Bonds 9.7	US Stocks -1.5	Non-US Stocks 11.6	Cash 5.5	Emerging Markets 4.8	Gold -0.3	Gold -0.1	Large Cap Value -7.8	Large Cap Value -12.4	Emerging Markets -7.1	Gold 19.4	US Treasuries 7.7	Large Cap Value 6.3	Cash 4.8	Large Cap Value 5.8	US Stocks -38.5	Commodities 13.5	Commodities 9.0	US Stocks 0.0	Bonds 4.2	Commodities -1.2	Cash 0.1	US Treasuries -1.2	Bonds 2.6
Cash 6.9	Cash 4.1	US Stocks 7.1	Gold -1.9	Cash 6.5	Bonds 3.6	Non-US Stocks 2.1	REITs -17.5	Bonds -0.8	US Stocks -10.1	US Stocks -13.0	Non-US Stocks -15.7	Bonds 4.1	Gold 5.5	Cash 3.1	Bonds 4.3	Cash 5.4	Non-US Stocks -43.1	Bonds 5.9	Non-US Stocks 8.2	Commodities -1.2	US Treasuries 3.6	Bonds -2.0	Gold -1.4	Emerging Markets -5.4	Non-US Stocks 1.5
Commodities -6.1	Gold -5.3	Cash 3.4	Bonds -2.9	Gold 1.0	US Treasuries -0.9	Commodities -14.1	Emerging Markets -19.7	REITs -4.6	Non-US Stocks -14.0	Non-US Stocks -21.2	Large Cap Value -21.7	US Treasuries 2.5	Bonds 4.3	US Stocks 3.0	US Treasuries 1.9	US Stocks 3.5	Emerging Markets -45.7	Cash 0.4	Bonds 6.5	Non-US Stocks -11.7	Cash 0.2	US Treasuries -12.7	Non-US Stocks -4.5	Gold -10.4	US Treasuries 1.3
Gold -7.7	Non-US Stocks -11.8	Commodities -12.3	US Treasuries -7.6	0.8	Gold -5.0	Gold -21.4	Commodities -35.7	US Treasuries -8.7	Emerging Markets -25.4	Commodities -31.9	US Stocks -23.4	Cash 1.2	Cash 1.3	Bonds 2.4	Commodities -15.1	REITs -15.7	Commodities -46.5	US Treasuries -12.9	Cash 0.2	Emerging Markets -12.5	Commodities 0.1	Gold -28.3	Commodities -33.1	Commodities -32.9	Cash 0.5

WORST

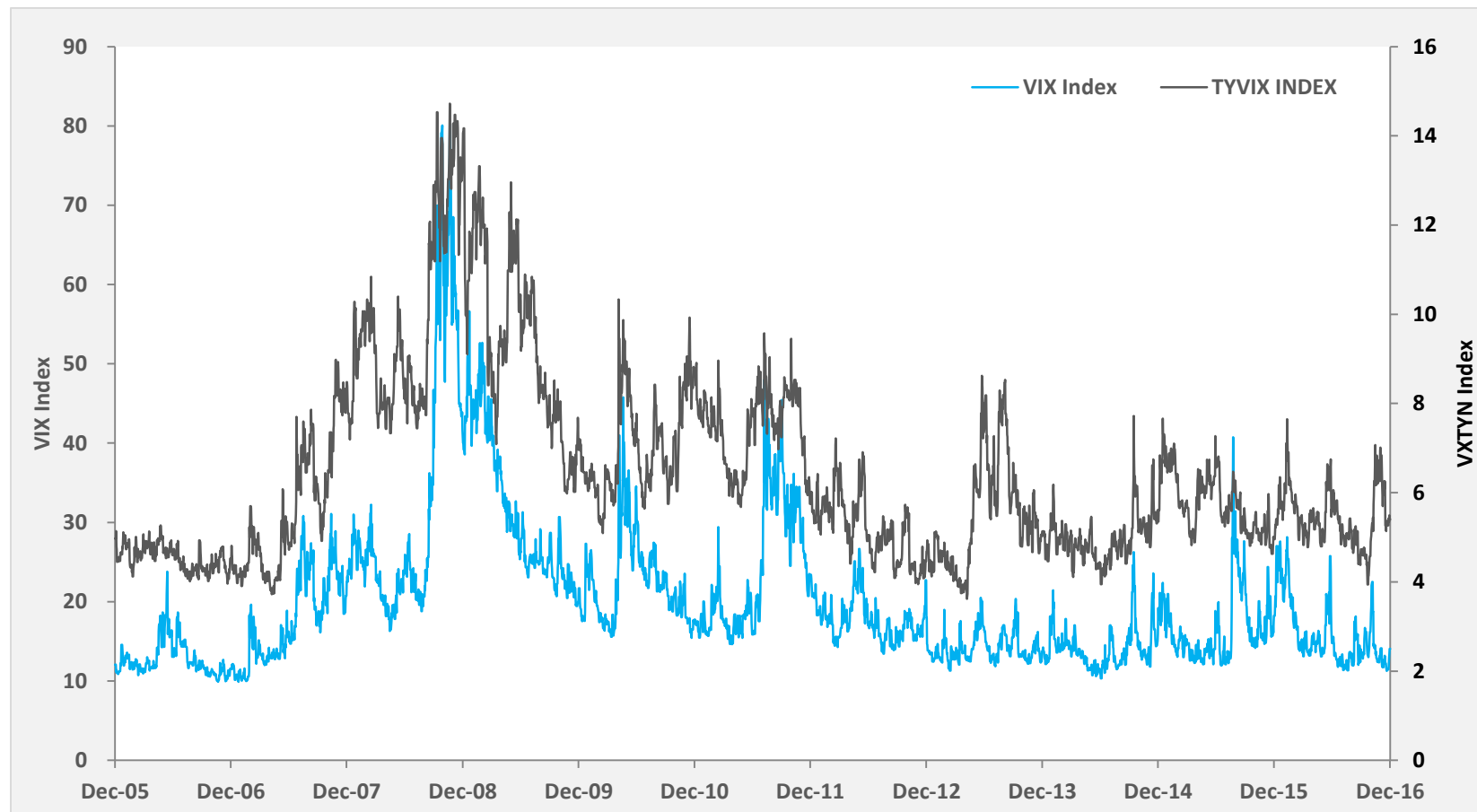
Cumulative = 813.4%

Average = 8.9%

Std Dev = 10.4%

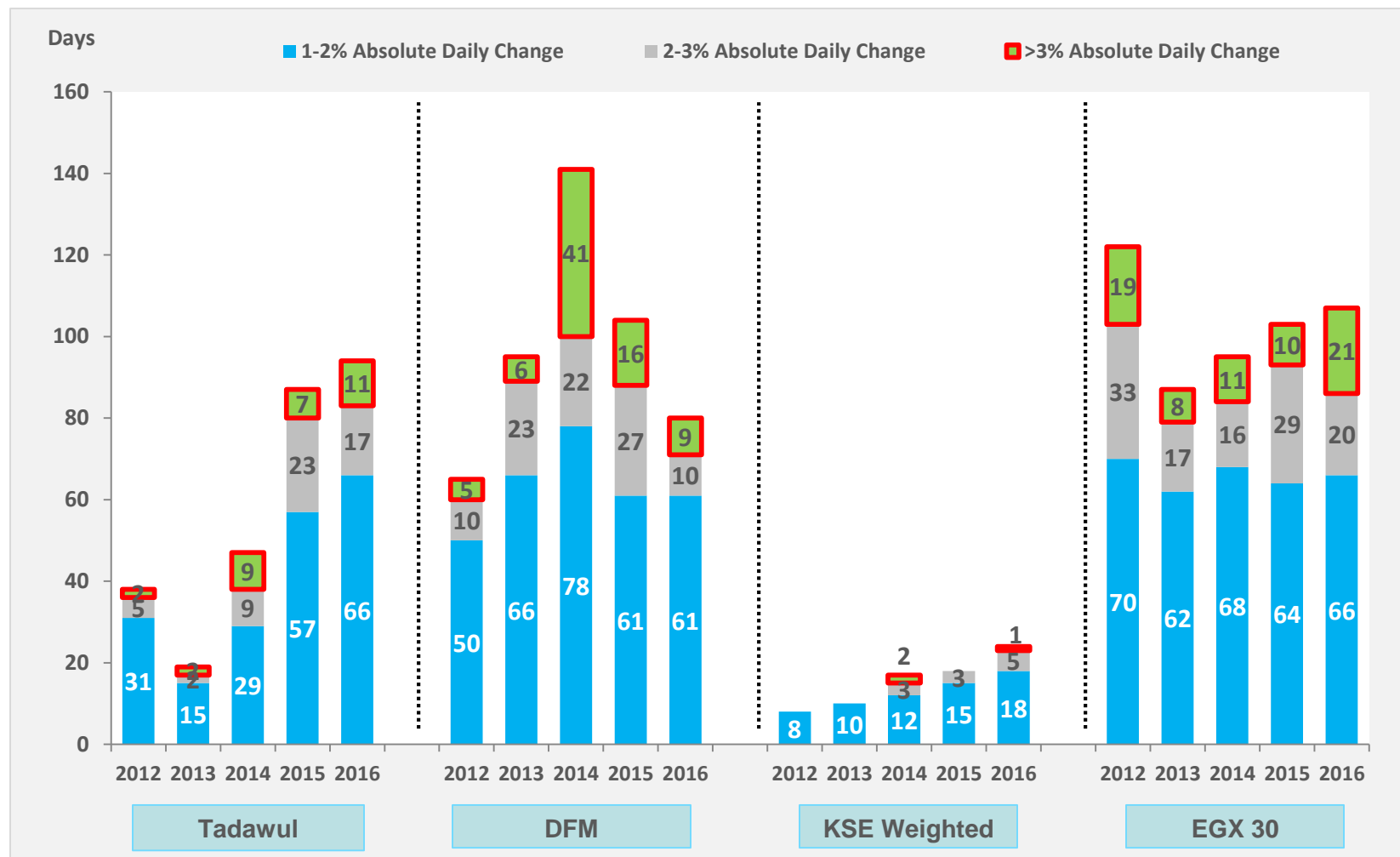
Return/Risk = 0.86

Global Asset Class – Volatility: Bonds are less volatile than equities and are appealing to the investors who are risk averse. MENA Investors need a strong and regulated bond market for efficient allocation of their capital.



VIX Index (The Chicago Board Options Exchange Volatility Index) reflects a market estimate of future volatility in the equity market. TYVIX Index (CBOE/CBOT US Treasury Volatility Index 10 Year Note) reflects volatility in the bond market.

MENA Markets Volatility: MENA markets witnessed higher volatility during 2016 as seen in the number of days where the markets had an upside/downside movement of more than 2%. This is especially the case for Tadawul, Egypt and KSE, whereas Dubai market was relatively stable as compared to the previous year.



Global Asset Class Correlation Matrix: *Due to lower correlation between different asset classes, MENA investors need a strong bond market so they can make use of the diversification benefits in their asset allocations by investing in Bonds/Bond Funds.*

Correlation	MSCI World Equities	MSCI EM Equities	Commodities	Developed REITS	Oil	MSCI GCC Equities	Gold	Global Bond	USD Index
MSCI World Equities	1.000	0.831	0.587	0.761	0.475	0.486	0.078	0.041	-0.638
MSCI EM Equities	0.831	1.000	0.581	0.713	0.484	0.477	0.274	0.244	-0.650
Commodities	0.587	0.581	1.000	0.308	0.935	0.490	0.290	0.008	-0.627
Developed REITS	0.761	0.713	0.308	1.000	0.168	0.266	0.223	0.441	-0.525
Oil	0.475	0.484	0.935	0.168	1.000	0.504	0.237	-0.024	-0.508
MSCI GCC Equities	0.486	0.477	0.490	0.266	0.504	1.000	-0.069	-0.069	-0.281
Gold	0.078	0.274	0.290	0.223	0.237	-0.069	1.000	0.475	-0.308
Global Bond	0.041	0.244	0.008	0.441	-0.024	-0.069	0.475	1.000	-0.363
USD Index	-0.638	-0.650	-0.627	-0.525	-0.508	-0.281	-0.308	-0.363	1.000

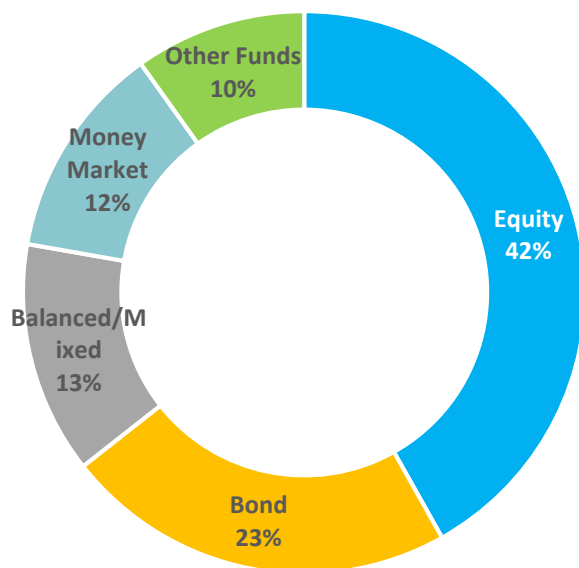
Correlation since 2009

Source: Bloomberg, KAMCO Research

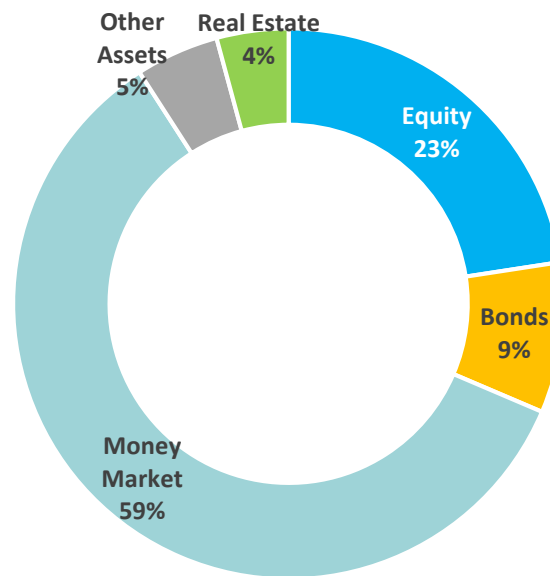
Need for Bond Funds in MENA

A strong secondary market is needed to complement the primary market of fixed income securities in the region. As of now the region's Fixed Income markets is basically "Buy and Hold" with no active trading and shariah compliant institutions are the key players. An institutionalized and regulated market will get benefit from Bond Funds as the fund manager take advantage of market inefficiencies to provide additional returns to the investors.

Global Mutual Fund Assets
By Type Of Fund as of Q3-16

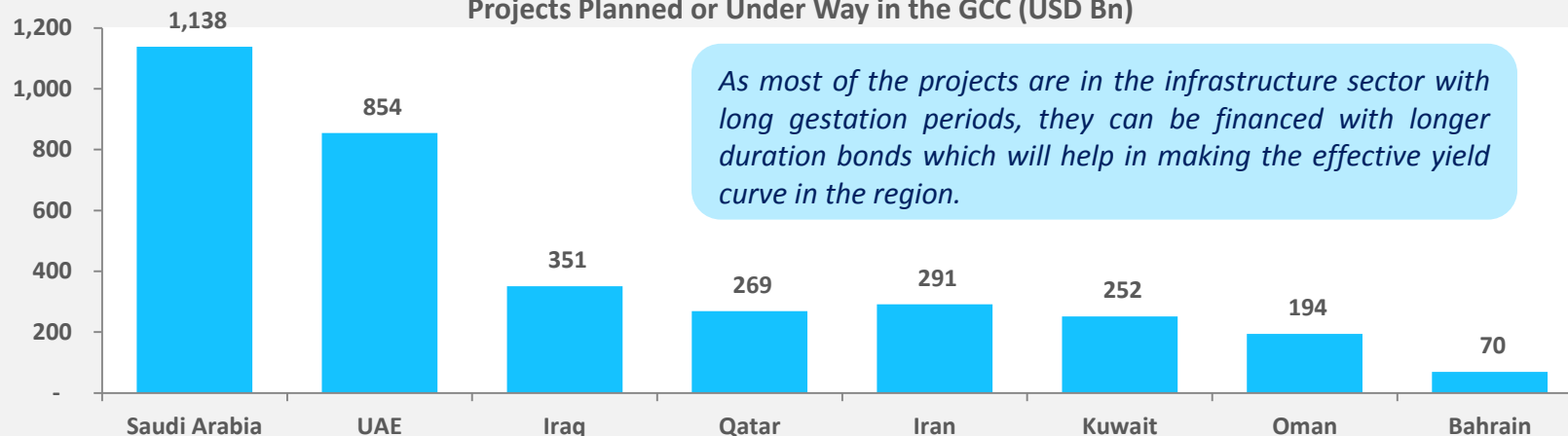


Saudi Arabia Mutual Fund Assets
By Type Of Fund as of Nov-16

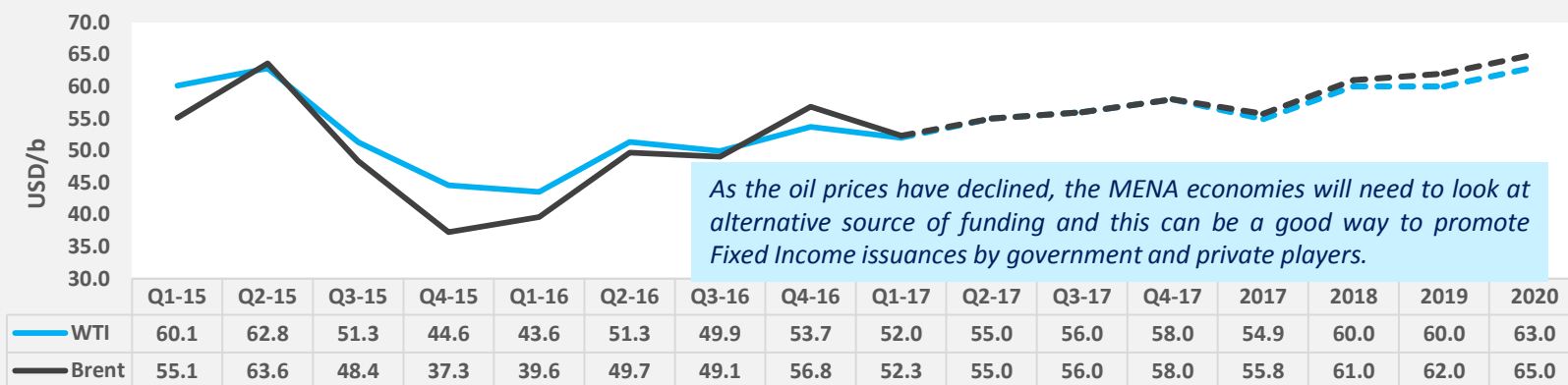


Projects Planned in MENA Region: *Promoting the need for longer tenor Fixed Income Financing.*

Projects Planned or Under Way in the GCC (USD Bn)



Oil Price Forecast



The Way Forward

- Fixed income markets globally are expected to undergo a new era of challenges as yields in the US are set to increase with the hike in Fed interest rates. The expected hike going forward is forecasted to be at a much faster pace as compared to the past several years.
- The regulators in the MENA region would react in line with the Fed policies as a majority of the countries, especially in the region, have their currencies pegged to the greenback. Low oil prices is one of the key reason for the decline in spending initiatives in the oil exporting nations. However, as the market visibility improves and as oil price moves north, the investment cycle is expected to get a boost with both government and corporate issues expected to tap the bond and sukuk markets.
- Governments role is crucial in developing a broadbased fixed income market in the region. On a positive note, the fall in oil prices have triggered GCC governments to tap the international conventional bond market which we believe would serve as the triggering point for more local issuances. A higher institutionalization of the MENA fixed income markets would help to increase the breadth of the market in the region.
- Moreover, since Islamic banks (that are in plenty in the region) are not allowed to invest in traditional bonds, they require highly liquid shariah-compliant assets which is a scarce instrument in the region due to lack of efficient secondary market. Sovereign sukuk issuance would help to bridge this gap and governments need to take initiatives in this regard.



SECTION 7 | Appendix



Appendix A – MENA Bond Issuances in 2016

Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
Algeria	Algeria, People's Democratic Republic of (Government)	Sovereign	DZ0000650105	14-Aug-16	39.7	0.000	5 Years
	Algeria, People's Democratic Republic of (Government)	Sovereign	DZ0000630107	21-Feb-16	60.1	--	3 Years
	Algeria, People's Democratic Republic of (Government)	Sovereign	DZ0000620066	17-Jan-16	104.9	--	2 Years
Bahrain	Bahrain, Kingdom of (Government)	Sovereign	BH0005232523	05-May-16	531.6	5.875	5 Years
	Bahrain, Kingdom of (Government)	Sovereign	BH000422A873	10-Nov-16	757.5	5.875	8 Years
	Bahrain, Kingdom of (Government)	Sovereign	BH0004235303	21-Jul-16	797.4	4.450	3 Years
	Bahrain, Kingdom of (Government)	Sovereign	XS1405766541	12-Oct-16	1,000.0	7.000	12 Years
	Bahrain, Kingdom of (Government)	Sovereign	XS1405766541	12-Oct-16	1,000.0	7.000	12 Years
Egypt	African Export Import Bank	Supranational	XS1493419193	21-Sep-16	150.0	4.000	5 Years
	African Export Import Bank	Supranational	XS1418627821	24-May-16	900.0	4.000	5 Years
	Arab Republic of Egypt	Sovereign	XS1504948776	10-Nov-16	1,320.0	7.000	12 Years
	Arab Republic of Egypt	Sovereign	XS1504948693	10-Nov-16	1,320.0	6.750	8 Years
Jordan	Jordan, Hashemite Kingdom of (Government)	Sovereign	XS1405770220	01-Nov-16	1,000.0	5.750	10 Years
Kuwait	Burgan Bank SAKP	Banking	KW0DI0100522	09-Mar-16	99.6	6.000	10 Years
	Kuwait, State of (Government)	Sovereign		09-Mar-16	163.4	2.000	3 Years
	Kuwait, State of (Government)	Sovereign		13-Apr-16	163.4	1.500	2 Years
	Kuwait, State of (Government)	Sovereign		20-Apr-16	163.4	2.000	3 Years
	Kuwait, State of (Government)	Sovereign		27-Apr-16	163.4	2.500	5 Years
	Kuwait, State of (Government)	Sovereign		04-May-16	163.4	1.500	2 Years
	Kuwait, State of (Government)	Sovereign		25-May-16	163.4	2.000	3 Years
	Kuwait, State of (Government)	Sovereign		27-Jul-16	163.4	3.000	7 Years
	Kuwait, State of (Government)	Sovereign		09-Nov-16	163.4	2.500	5 Years
	Kuwait, State of (Government)	Sovereign		16-Nov-16	163.4	1.750	5 Years
	Kuwait, State of (Government)	Sovereign		28-Dec-16	163.7	2.000	5 Years
	Gulf Bank KSCP	Banking	KW0DI0100555	30-May-16	164.1	6.250	10 Years
	Gulf Bank KSCP	Banking	KW0DI0100548	30-May-16	164.1	6.500	10 Years
	Burgan Bank SAKP	Banking	KW0DI0100530	09-Mar-16	231.2	5.950	10 Years
	Kuwait, State of (Government)	Sovereign		22-Jun-16	326.5	1.500	2 Years
	Kuwait, State of (Government)	Sovereign		13-Jul-16	326.8	2.000	3 Years
	Kuwait, State of (Government)	Sovereign		24-Aug-16	326.8	2.000	3 Years
	Kuwait, State of (Government)	Sovereign		21-Sep-16	326.8	1.500	2 Years
	Kuwait, State of (Government)	Sovereign		23-Nov-16	326.8	2.000	3 Years
	Kuwait, State of (Government)	Sovereign		30-Nov-16	326.8	1.500	3 Years
	Kuwait, State of (Government)	Sovereign		21-Dec-16	326.8	1.750	3 Years
	Lebanon, Republic of (Government)	Sovereign	XS1396347723	22-Apr-16	300.0	7.000	15 Years
	Lebanon, Republic of (Government)	Sovereign	XS1419879504	27-May-16	500.0	6.250	6 Years
	Lebanon, Republic of (Government)	Sovereign	XS1419879686	27-May-16	500.0	6.400	7 Years
	Lebanon, Republic of (Government)	Sovereign	XS1396347566	22-Apr-16	700.0	6.650	8 Years
	Lebanon, Republic of (Government)	Sovereign	XS1419879769	27-May-16	1,000.0	6.850	13 Years

Appendix A – MENA Bond Issuances in 2016

Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
Morocco	Societe Generale Marocaine de Banques SA	Banking	MA0001407701	20-Dec-16	1.0	4.500	6 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517574	29-Aug-16	1.2	0.000	2 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517186	01-Feb-16	1.4	0.000	2 Years
	Credit Agricole du Maroc SA	Banking	MA0000092900	12-Oct-16	2.0	4.110	7 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517202	22-Feb-16	2.5	0.010	2 Years
	Credit Immobilier et Hotelier SA	Banking	MA0000092983	15-Dec-16	3.9	3.820	10 Years
	Salafin Ste SA	Mortgage Banking	MA0001006594	02-Jun-16	4.3	3.020	5 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517368	11-May-16	4.9	0.000	4 Years
	Credit Agricole du Maroc SA	Banking	MA0000021776	12-Oct-16	4.9	4.430	10 Years
	Credit Agricole du Maroc SA	Banking	MA0000021768	12-Oct-16	4.9	4.110	7 Years
	Salafin Ste SA	Mortgage Banking	MA0001006586	02-Jun-16	6.0	2.810	4 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517376	30-May-16	6.1	0.500	2 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517228	23-Feb-16	6.4	3.150	2 Years
	Sofac SA	Financial - Other	MA0001006669	14-Nov-16	6.5	3.900	5 Years
	Taslif Ste de Credit a la Consommation SA	Financial - Other	MA0001006545	22-Apr-16	8.2	3.650	5 Years
	Sofac SA	Financial - Other	MA0001006628	05-Jul-16	9.8	3.270	5 Years
	Sofac SA	Financial - Other	MA0001006487	19-Feb-16	10.0	3.650	5 Years
	Attijariwafa Bank SA	Banking	MA0001517160	20-Jan-16	10.3	3.290	3 Years
	Sofac SA	Financial - Other	MA0001006651	14-Nov-16	10.6	2.980	2 Years
	Sofac SA	Financial - Other	MA0001006503	04-Apr-16	15.1	3.510	6 Years
	RCI Finance Maroc SA	Financial - Other	MA0001006495	23-Mar-16	15.3	3.400	2 Years
	Credit Agricole du Maroc SA	Banking	MA0000092918	12-Oct-16	17.8	3.560	10 Years
	RCI Finance Maroc SA	Financial - Other	MA0001006610	22-Jun-16	18.7	2.800	2 Years
	Attijariwafa Bank SA	Banking	MA0001517194	05-Feb-16	20.5	3.430	5 Years
	Societe Equipement Domestique et Menager SA	Financial - Other	MA0001006578	31-May-16	20.5	2.840	4 Years
	Attijariwafa Bank SA	Banking	MA0001517152	20-Jan-16	20.6	3.580	5 Years
	Taslif Ste de Credit a la Consommation SA	Financial - Other	MA0001006511	12-Apr-16	20.6	3.720	5 Years
	Bmci Tresorerie SA	Financial - Other	MA0001517103	05-Jan-16	20.9	3.250	2 Years
	Salafin Ste SA	Mortgage Banking	MA0001006552	05-May-16	21.5	3.000	5 Years
	Banque Marocaine du Commerce Exterieur SA	Banking	MA0001517319	18-Apr-16	22.2	2.450	2 Years
	Fonds d'Equipement Communal	Banking	MA0000092934	13-Oct-16	22.2	2.850	10 Years
	Maghrebaïl SA	Leasing	MA0001006537	12-Apr-16	25.6	3.310	5 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014324	16-May-16	29.6	3.200	15 Years
	Credit Agricole du Maroc SA	Banking	MA0000092926	12-Oct-16	29.7	4.430	10 Years
	Attijariwafa Bank SA	Banking	MA0001517343	20-Apr-16	30.7	2.580	3 Years
	Attijariwafa Bank SA	Banking	MA0001517236	25-Feb-16	30.9	3.000	3 Years
	Fonds d'Equipement Communal	Banking	MA0000092959	13-Oct-16	31.6	3.920	15 Years
	Banque Marocaine du Commerce Exterieur SA	Banking	MA0001517491	15-Jul-16	35.2	2.630	2 Years
	Attijariwafa Bank SA	Banking	MA0001517111	12-Jan-16	41.3	3.310	3 Years
	Fonds d'Equipement Communal	Banking	MA0000092942	13-Oct-16	45.0	3.250	15 Years

Appendix A – MENA Bond Issuances in 2016

Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
Morocco	Societe Generale Marocaine de Banques SA	Banking	MA0001517418	31-May-16	49.0	2.810	5 Years
	Societe Generale Marocaine de Banques SA	Banking	MA0001517392	31-May-16	49.0	2.350	2 Years
	Societe Equipement Domestique et Menager SA	Financial - Other	MA0001006560	31-May-16	51.1	2.990	5 Years
	Credit Agricole du Maroc SA	Banking	MA0001517244	01-Apr-16	67.4	3.550	5 Years
	Societe Generale Marocaine de Banques SA	Banking	MA0001517426	31-May-16	68.6	3.080	7 Years
	Banque Marocaine du Commerce Exterieur SA	Banking	MA0001517277	11-Apr-16	69.5	2.450	2 Years
	Attijariwafa Bank SA	Banking	MA0001517129	12-Jan-16	70.6	3.120	2 Years
	Maghrebaïl SA	Leasing	MA0001006529	12-Apr-16	76.7	3.240	5 Years
	Societe Generale Marocaine de Banques SA	Banking	MA0001517400	31-May-16	78.4	2.500	3 Years
	Credit Immobilier et Hotelier SA	Banking	MA0000092991	15-Dec-16	95.2	2.970	10 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014266	02-May-16	99.2	3.550	20 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014654	05-Sep-16	182.3	3.200	11 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014795	05-Dec-16	225.1	2.400	2 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014092	04-Jan-16	459.3	4.850	30 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014738	10-Oct-16	485.9	2.450	2 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014589	22-Aug-16	631.6	2.450	2 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014241	25-Apr-16	801.5	2.200	2 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014431	18-Jul-16	984.1	2.500	6 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014118	18-Jan-16	1,050.9	3.100	6 Years
	Morocco, Kingdom of (Government)	Sovereign	MA0002014084	04-Jan-16	1,118.9	3.500	10 Years
Oman	National Bank of Oman SAOG	Banking	XS1449899290	19-Jul-16	100.0	3.125	3 Years
	Oman, Sultanate of (Government)	Sovereign	OM0000000626	22-Feb-16	260.0	3.500	5 Years
	Oman, Sultanate of (Government)	Sovereign	OM0000000634	25-Apr-16	260.0	5.000	7 Years
	Oman, Sultanate of (Government)	Sovereign	OM0000000642	03-Oct-16	260.0	5.000	6 Years
	Bank Muscat SAOG	Banking	XS1402946328	03-May-16	500.0	3.750	5 Years
	Oman, Sultanate of (Government)	Sovereign	XS1405781342	15-Jun-16	1,500.0	3.625	5 Years
	Oman, Sultanate of (Government)	Sovereign	XS1405777589	15-Jun-16	2,500.0	4.750	10 Years
Qatar	QNB Finance Ltd	Financial - Other	XS1464596417	04-Aug-16	21.0	0.770	7 Years
	State of Qatar	Sovereign	QA000098D6X4	20-Sep-16	68.7	3.750	10 Years
	State of Qatar	Sovereign	QA0007867441	18-Oct-16	82.4	3.750	10 Years
	State of Qatar	Sovereign	QA00051XC940	18-Oct-16	82.4	3.250	7 Years
	State of Qatar	Sovereign	QA000762BFE5	16-Aug-16	89.3	3.750	10 Years
	State of Qatar	Sovereign	QA000CBEA009	16-Aug-16	89.3	3.250	7 Years
	Industrial and Commercial Bank of China Ltd (Doha Branch)	Banking	XS1351712804	27-Jan-16	100.0	1.784	2 Years
	Industrial and Commercial Bank of China Ltd (Doha Branch)	Banking	XS1497597788	06-Oct-16	100.0	--	2 Years
	Industrial and Commercial Bank of China Ltd (Doha Branch)	Banking	XS1502564708	18-Oct-16	100.0	1.582	3 Years
	State of Qatar	Sovereign	QA000A7U1YY0	18-Oct-16	109.9	2.750	5 Years
	State of Qatar	Sovereign	QA00013UK709	20-Sep-16	123.6	2.250	3 Years
	State of Qatar	Sovereign	QA00093MAB76	18-Oct-16	137.3	2.250	3 Years
	State of Qatar	Sovereign	QA0008590505	20-Sep-16	137.4	3.250	7 Years
	State of Qatar	Sovereign	QA000MOP97W4	16-Aug-16	206.0	2.750	5 Years
	State of Qatar	Sovereign	QA0006K3IPS2	20-Sep-16	212.9	2.750	5 Years
	State of Qatar	Sovereign	QA000XHZ4AR9	16-Aug-16	439.5	2.250	3 Years
	State of Qatar	Sovereign	XS1405781854	02-Jun-16	2,000.0	4.625	30 Years
	State of Qatar	Sovereign	XS1405782159	02-Jun-16	3,500.0	3.250	10 Years
	State of Qatar	Sovereign	XS1405781698	02-Jun-16	3,500.0	2.375	5 Years

Appendix A – MENA Bond Issuances in 2016

Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
Saudi Arabia	Arab Petroleum Investments Corp	Financial - Other	XS1481724711	22-Sep-16	300.0	2.146	5 Years
	Gulf International Bank (Riyadh Branch)	Banking	SA142FKOGPI3	27-Apr-16	533.4	3.782	5 Years
	Kingdom of Saudi Arabia (Government)	Sovereign	XS1508675417	26-Oct-16	5,500.0	3.250	10 Years
	Kingdom of Saudi Arabia (Government)	Sovereign	XS1508675334	26-Oct-16	5,500.0	2.375	5 Years
	Kingdom of Saudi Arabia (Government)	Sovereign	XS1508675508	26-Oct-16	6,500.0	4.500	30 Years
Tunisia	Meublatex SA	Home Builders	TN0005260146	30-Jun-16	0.5	7.850	7 Years
	Meublatex SA	Home Builders	TN0005260138	30-Jun-16	0.7	7.850	7 Years
	Banque de l'Habitat SA	Banking	TN0001900943	06-May-16	0.9	6.459	5 Years
	Meublatex SA	Home Builders	TN0005260153	30-Jun-16	1.1	7.850	7 Years
	Arab Tunisian Lease SA	Financial - Other	TN0004700647	25-Feb-16	1.3	7.006	5 Years
	Meublatex SA	Home Builders	TN0005260120	30-Jun-16	1.8	7.850	7 Years
	Ste Attijari Leasing SA	Leasing	TN0006610406	24-Jul-16	3.5	7.500	5 Years
	Ste Union de Factoring Unifactor SA	Financial - Other	TN0007190135	25-Feb-16	3.6	7.450	5 Years
	Tunisie Leasing SA	Leasing	TN0002101905	05-Apr-16	3.6	7.500	5 Years
	Arab Tunisian Lease SA	Financial - Other	TN0004700662	27-Jun-16	4.1	7.500	5 Years
	Ste Union de Factoring Unifactor SA	Financial - Other	TN0007190143	25-Feb-16	4.5	7.156	5 Years
	Tunisie Leasing SA	Leasing	TN0002101889	04-Mar-16	5.0	7.500	5 Years
	Arab Tunisian Lease SA	Financial - Other	TN0004700639	25-Feb-16	5.0	7.500	5 Years
	Hannibal Lease SA	Leasing	TN0007310279	28-Mar-16	6.3	7.650	5 Years
	Banque de l'Habitat SA	Banking	TN0001900950	06-May-16	8.0	7.500	7 Years
	Tunisie Leasing SA	Leasing	TN0002101897	04-Mar-16	8.4	7.750	7 Years
	Hannibal Lease SA	Leasing	TN0007310287	28-Mar-16	8.5	6.972	5 Years
	Hannibal Lease SA	Leasing	TN0007310303	28-Jun-16	8.5	7.650	5 Years
	Arab Tunisian Lease SA	Financial - Other	TN0004700670	27-Jun-16	9.1	7.750	7 Years
	Tunisie Leasing SA	Leasing	TN0002101913	05-Apr-16	9.7	7.750	7 Years
	Ste Attijari Leasing SA	Leasing	TN0006610414	24-Jul-16	9.9	7.750	7 Years
	Hannibal Lease SA	Leasing	TN0007310295	28-Mar-16	10.0	7.850	7 Years
	Arab Tunisian Lease SA	Financial - Other	TN0004700654	25-Feb-16	11.6	7.750	7 Years
	Ste Compagnie Internationale de Leasing SA	Financial - Other	TN0004201414	16-May-16	13.4	7.500	5 Years
	Banque de l'Habitat SA	Banking	TN0001900935	06-May-16	18.2	7.400	5 Years
UAE	Vontobel Financial Products Ltd	Financial - Other	CH0334578488	13-Sep-16	3.5	2.600	5 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1333791934	05-Jan-16	5.0	1.850	5 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	XS1498448726	30-Sep-16	5.0	--	3 Years
	Emirates NBD Bank PJSC	Banking	XS1503050475	11-Oct-16	5.0	--	2 Years
	Emirates NBD Bank PJSC	Banking	XS1498521589	17-Oct-16	5.0	--	2 Years
	HSBC Bank Middle East Ltd	Banking	XS1441691406	08-Jul-16	6.5	--	4 Years
	Emirates NBD Bank PJSC	Banking	XS1342683361	11-Jan-16	7.5	0.000	10 Years
	Mashreqbank PSC	Banking	XS1532498737	19-Dec-16	8.5	0.500	3 Years
	Mashreqbank PSC	Banking	XS1391600290	11-Apr-16	8.7	0.250	2 Years
	First Gulf Bank PJSC	Banking	XS1410245150	12-May-16	9.4	4.600	3 Years

Appendix A – MENA Bond Issuances in 2016

Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
UAE	Emirates NBD Bank PJSC	Banking	XS1439948990	11-Jul-16	9.4	0.110	2 Years
	Emirates NBD Bank PJSC	Banking	XS1459377443	01-Aug-16	9.5	0.050	2 Years
	Polarcus	Financial - Other	NO0010757263	07-Mar-16	9.8	3.500	7 Years
	Emirates NBD Bank PJSC	Banking	XS1374577762	07-Mar-16	10.0	1.798	2 Years
	Axis Bank Ltd Dubai Representative Office	Banking	XS1412704600	18-May-16	10.0	1.859	2 Years
	Axis Bank Ltd Dubai Representative Office	Banking	XS1413658516	18-May-16	10.0	1.859	2 Years
	First Gulf Bank PJSC	Banking	XS1432491584	13-Jun-16	10.0	2.357	5 Years
	First Gulf Bank PJSC	Banking	XS1429734053	15-Jun-16	10.0	2.363	5 Years
	First Gulf Bank PJSC	Banking	XS1435233066	21-Jun-16	10.0	2.394	5 Years
	First Gulf Bank PJSC	Banking	XS1436993239	23-Jun-16	10.0	2.398	5 Years
	Emirates NBD Bank PJSC	Banking	XS1442240278	08-Jul-16	10.0	2.776	5 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	XS1478778209	17-Aug-16	10.0	1.956	3 Years
	Emirates NBD Bank PJSC	Banking	XS1501086240	17-Oct-16	10.0	1.180	2 Years
	Mashreqbank PSC	Banking	XS1506616686	20-Oct-16	10.0	2.294	3 Years
	Emirates NBD Bank PJSC	Banking	XS1515235445	21-Nov-16	10.0	--	2 Years
	Emirates NBD Bank PJSC	Banking	XS1515234711	21-Nov-16	10.0	--	2 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	XS1531776430	13-Dec-16	10.0	2.357	5 Years
	Emirates NBD Bank PJSC	Banking	XS1539075520	28-Dec-16	10.0	3.250	7 Years
	HSBC Bank Middle East Ltd	Banking	XS1383718837	01-Apr-16	11.5	1.200	2 Years
	Emirates NBD Bank PJSC	Banking	XS1478114033	18-Aug-16	12.0	--	4 Years
	Emirates NBD Bank PJSC	Banking	XS1477675950	18-Aug-16	12.0	2.409	4 Years
	Emirates NBD Bank PJSC	Banking	XS1382776232	17-Mar-16	13.6	--	3 Years
	First Gulf Bank PJSC	Banking	XS1392936735	11-Apr-16	13.6	0.800	3 Years
	Emirates NBD Bank PJSC	Banking	XS1457497862	26-Jul-16	14.4	4.700	3 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	XS1504923357	14-Oct-16	15.0	2.031	3 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1345376047	15-Jan-16	18.7	4.550	2 Years
	Emirates NBD Bank PJSC	Banking	XS1351130775	26-Jan-16	18.7	5.550	2 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1379591784	15-Mar-16	18.7	4.750	3 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1374488077	08-Mar-16	20.0	0.000	20 Years
	Emirates NBD Bank PJSC	Banking	XS1499602107	04-Oct-16	20.0	2.800	5 Years
	Emirates NBD Bank PJSC	Banking	XS1515214101	09-Nov-16	20.0	2.387	4 Years
	Polarcus	Financial - Other	NO0010757271	04-Mar-16	20.7	2.500	7 Years
	Emirates NBD Bank PJSC	Banking	XS1466233522	10-Aug-16	22.7	3.450	4 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1498449021	06-Oct-16	22.7	3.170	5 Years
	Emirates NBD Bank PJSC	Banking	XS1459811821	28-Jul-16	25.0	--	4 Years
	Emirates NBD Bank PJSC	Banking	XS1498398368	28-Sep-16	25.0	--	2 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1490956676	20-Sep-16	26.1	0.516	8 Years
	Emirates NBD Bank PJSC	Banking	XS1403042473	03-May-16	27.4	4.850	3 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1500216004	30-Sep-16	29.0	3.850	3 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341823588	02-Dec-16	29.1	2.000	5 Years

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Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
UAE	Vontobel Financial Products Ltd	Financial - Other	CH0334594121	28-Oct-16	29.2	1.500	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341823562	02-Dec-16	29.2	1.600	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0334589642	21-Sep-16	29.3	2.600	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341837109	28-Dec-16	29.3	1.200	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341838784	28-Dec-16	29.3	2.000	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341837026	28-Dec-16	29.3	1.600	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0301889785	08-Feb-16	29.5	1.050	7 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0309387162	24-Feb-16	29.5	1.300	7 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0309397013	03-Mar-16	29.5	1.450	6 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0316145769	18-Apr-16	29.5	2.000	3 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0334585236	14-Sep-16	29.5	2.550	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0334581730	30-Sep-16	29.5	1.400	5 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1374488408	08-Mar-16	30.0	0.000	20 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0321493881	19-Apr-16	30.0	3.650	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0327593874	14-Jun-16	30.0	3.859	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0334587117	15-Sep-16	30.0	4.000	5 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1524608566	23-Nov-16	30.0	1.670	3 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341838792	05-Dec-16	31.3	0.650	2 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0301889793	08-Feb-16	31.5	1.850	7 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0309387154	24-Feb-16	31.5	1.900	7 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0321517424	07-Jun-16	31.5	3.000	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341812565	19-Oct-16	31.9	0.200	2 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341812581	19-Oct-16	31.9	0.550	2 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0341829833	22-Nov-16	31.9	2.800	5 Years
	Vontobel Financial Products Ltd	Financial - Other	CH0334581763	06-Sep-16	32.9	2.000	5 Years
	Mashreqbank PSC	Banking	XS1487832096	07-Sep-16	36.9	4.100	2 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1418642622	24-May-16	37.0	1.992	3 Years
	Emirates NBD Bank PJSC	Banking	XS1355362457	28-Jan-16	50.0	1.487	2 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1385248502	23-Mar-16	50.0	2.097	3 Years
	Emirates NBD Bank PJSC	Banking	XS1388844570	30-Mar-16	50.0	3.300	5 Years
	Emirates NBD Bank PJSC	Banking	XS1388845205	30-Mar-16	50.0	2.700	3 Years
	First Gulf Bank PJSC	Banking	XS1386583170	31-Mar-16	50.0	0.000	30 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1392940760	11-Apr-16	50.0	1.114	2 Years
	Emirates NBD Bank PJSC	Banking	XS1391264675	12-Apr-16	50.0	2.650	3 Years
	First Gulf Bank PJSC	Banking	XS1406012846	12-May-16	50.0	0.000	30 Years
	HSBC Bank Middle East Ltd	Banking	XS1426783228	23-Jun-16	50.0	2.654	5 Years
	Emirates NBD Bank PJSC	Banking	XS1459815228	28-Jul-16	50.0	2.507	4 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1496365872	29-Sep-16	50.0	--	2 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1506425740	18-Oct-16	50.0	1.582	3 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1506636288	24-Oct-16	50.0	--	2 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1506636445	27-Oct-16	50.0	--	2 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1508404909	07-Nov-16	50.0	--	2 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	XS1446544048	14-Jul-16	50.0	--	3 Years

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Country	Issuer Name	Sector	ISIN	Issue Date	Amount Issued (USD Mn)	Coupon	Tenor
UAE	ICICI Bank Ltd (DIFC Branch)	Banking	HK0000300811	14-Jul-16	50.0	1.684	3 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1506425070	18-Oct-16	55.0	1.582	3 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1499602875	30-Sep-16	55.2	3.850	3 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1495633858	27-Sep-16	63.1	0.013	4 Years
	First Gulf Bank PJSC	Banking	XS1416561550	03-Jun-16	74.9	4.550	3 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1486531194	09-Sep-16	80.0	2.000	2 Years
	Emirates NBD Bank PJSC	Banking	XS1529760891	06-Dec-16	80.0	2.316	4 Years
	Emirates NBD Bank PJSC	Banking	XS1435366882	21-Jun-16	90.0	2.944	5 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1342803019	15-Jan-16	100.0	1.371	2 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1386068990	23-Mar-16	100.0	2.098	3 Years
	HSBC Bank Middle East Ltd	Banking	XS1387220079	28-Mar-16	100.0	1.520	3 Years
	Emirates NBD Bank PJSC	Banking	XS1401348484	26-Apr-16	100.0	2.434	3 Years
	Emirates NBD Bank PJSC	Banking	XS1414822970	18-May-16	100.0	3.150	5 Years
	Emirates NBD Bank PJSC	Banking	XS1414823432	19-May-16	100.0	2.500	3 Years
	HSBC Bank Middle East Ltd	Banking	XS1413673747	25-May-16	100.0	2.750	5 Years
	Emirates NBD Bank PJSC	Banking	XS1437799718	23-Jun-16	100.0	2.947	5 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1507505045	31-Oct-16	100.0	--	2 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1535980293	16-Dec-16	100.0	3.280	7 Years
	Emirates NBD Bank PJSC	Banking	XS1442120371	12-Jul-16	125.0	2.594	4 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1501074824	12-Oct-16	130.0	1.744	3 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1511783240	27-Oct-16	130.0	--	3 Years
	First Gulf Bank PJSC	Banking	XS1383451736	18-Mar-16	150.0	2.625	4 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1498392320	30-Sep-16	150.0	--	2 Years
	Agricultural Bank of China Co Ltd (Dubai Branch)	Banking	XS1505932126	14-Oct-16	150.0	--	2 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	HK0000309671	22-Sep-16	150.1	2.103	3 Years
	Abu Dhabi Commercial Bank PJSC	Banking	XS1520712487	17-Nov-16	200.0	--	3 Years
	Abu Dhabi National Energy Co PJSC	Utility - Other	XS1506418612	19-Oct-16	250.0	3.625	5 Years
	Abu Dhabi Commercial Bank PJSC	Banking	XS1520346799	14-Nov-16	300.0	--	3 Years
	Dubai DOF Wakala Sukuk 1 SPV FZE	Financial - Other	XS1514029765	15-Nov-16	300.0	--	10 Years
	Industrial and Commercial Bank of China Ltd (Dubai Branch)	Banking	XS1432570700	16-Jun-16	400.0	2.500	5 Years
	Axis Bank Ltd Dubai Representative Office	Banking	XS1410341389	01-Jun-16	500.0	2.875	5 Years
	Emirates NBD Bank PJSC	Banking	XS1457570023	26-Jul-16	500.0	2.434	4 Years
	Burgan Senior SPC Ltd	Financial - Other	XS1489409240	14-Sep-16	500.0	3.125	5 Years
	Abu Dhabi National Energy Co PJSC	Utility - Other	XS1506418455	19-Oct-16	500.0	4.375	10 Years
	Dubai DOF Wakala Sukuk 1 SPV FZE	Financial - Other	XS1376847999	23-Mar-16	569.0	3.890	9 Years
	Union National Bank PJSC	Banking	XS1498408936	05-Oct-16	600.0	2.750	5 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1502188532	21-Oct-16	621.0	0.000	30 Years
	ICICI Bank Ltd (DIFC Branch)	Banking	US45112FAJ57	18-Mar-16	700.0	4.000	10 Years
	Abu Dhabi National Energy Co PJSC	Utility - Other	XS1435072548	22-Jun-16	750.0	3.625	5 Years
	National Bank of Abu Dhabi PJSC	Banking	XS1485597675	31-Oct-16	750.0	1.000	5 Years
	Abu Dhabi National Energy Co PJSC	Utility - Other	XS1435072464	22-Jun-16	1,000.0	4.375	10 Years
	Emirate of Abu Dhabi	Official and Muni	XS1402929589	03-May-16	2,500.0	2.125	5 Years
	Emirate of Abu Dhabi	Official and Muni	XS1402929746	03-May-16	2,500.0	3.125	10 Years

Appendix B – MENA Bond Pipeline

Country	Announcement Date	Issuer Name	ISIN / Cusip	Tenor	Coupon	Issue Amount	Currency	Sector / Subsector	Market
Jordan	30-Nov-2016	JORDAN, HASHEMITE KINGDOM OF (GOVERNMENT)	--	10Y	6.5%	100,000,000	JOD	Sovereign/Sovereign	Domestic
	08-Dec-2016	JORDAN, HASHEMITE KINGDOM OF (GOVERNMENT)	--	2Y	2.9%	100,000,000	JOD	Sovereign/Sovereign	Domestic
Kuwait	16-Nov-2016	KUWAIT, STATE OF (GOVERNMENT)	--	5Y	1.8%	50,000,000	KWD	Sovereign/Sovereign	Domestic
	23-Nov-2016	KUWAIT, STATE OF (GOVERNMENT)	--	3Y	2.0%	100,000,000	KWD	Sovereign/Sovereign	Domestic
	30-Nov-2016	KUWAIT, STATE OF (GOVERNMENT)	--	3Y	1.5%	100,000,000	KWD	Sovereign/Sovereign	Domestic
	21-Dec-2016	KUWAIT, STATE OF (GOVERNMENT)	--	3Y	1.8%	100,000,000	KWD	Sovereign/Sovereign	Domestic
	28-Dec-2016	KUWAIT, STATE OF (GOVERNMENT)	--	5Y	2.0%	50,000,000	KWD	Sovereign/Sovereign	Domestic
	15-Nov-2016	BANQUE DU LIBAN	LBCU16003081	7Y	6.4%	110,000,000	USD	Agency/Agency	Domestic
Lebanon	15-Nov-2016	BANQUE DU LIBAN	LBCU16003073	6Y	6.3%	100,000,000	USD	Agency/Agency	Domestic
	29-Nov-2016	BANQUE DU LIBAN	LBCU16003099	6Y	6.3%	130,000,000	USD	Agency/Agency	Domestic
	29-Nov-2016	BANQUE DU LIBAN	LBCU16003107	7Y	6.4%	100,000,000	USD	Agency/Agency	Domestic
	29-Nov-2016	BANQUE DU LIBAN	LBCU16003115	8Y	6.5%	35,000,000	USD	Agency/Agency	Domestic
	29-Nov-2016	BANQUE DU LIBAN	LBCU16003123	9Y	6.6%	35,000,000	USD	Agency/Agency	Domestic
	29-Nov-2016	BANQUE DU LIBAN	LBCU16003149	12Y	6.8%	30,000,000	USD	Agency/Agency	Domestic
	29-Nov-2016	BANQUE DU LIBAN	LBCU16003131	11Y	6.7%	20,000,000	USD	Agency/Agency	Domestic
	06-Dec-2016	BANQUE DU LIBAN	LBCU16003156	11Y	6.7%	10,000,000	USD	Agency/Agency	Domestic
	13-Dec-2016	BANQUE DU LIBAN	LBCU16003172	6Y	6.3%	489,000,000	USD	Agency/Agency	Domestic
	13-Dec-2016	BANQUE DU LIBAN	LBCU16003180	7Y	6.4%	85,000,000	USD	Agency/Agency	Domestic
	13-Dec-2016	BANQUE DU LIBAN	LBCU16003206	10Y	6.6%	70,000,000	USD	Agency/Agency	Domestic
	13-Dec-2016	BANQUE DU LIBAN	LBCU16003198	9Y	6.6%	10,000,000	USD	Agency/Agency	Domestic
	13-Dec-2016	BANQUE DU LIBAN	LBCU16003214	11Y	6.7%	10,000,000	USD	Agency/Agency	Domestic
	13-Dec-2016	BANQUE DU LIBAN	LBCU16003222	12Y	6.8%	10,000,000	USD	Agency/Agency	Domestic
	20-Dec-2016	BANQUE DU LIBAN	LBCU16003255	9Y	6.6%	105,000,000	USD	Agency/Agency	Domestic
	20-Dec-2016	BANQUE DU LIBAN	LBCU16003248	8Y	6.5%	70,000,000	USD	Agency/Agency	Domestic
	20-Dec-2016	BANQUE DU LIBAN	LBCU16003230	7Y	6.4%	15,000,000	USD	Agency/Agency	Domestic
	20-Dec-2016	BANQUE DU LIBAN	LBCU16003263	10Y	6.6%	10,000,000	USD	Agency/Agency	Domestic
	22-Dec-2016	BANQUE DU LIBAN	LBCU16003271	7Y	6.4%	226,000,000	USD	Agency/Agency	Domestic
Morocco	14-Nov-2016	SOFAC SA	MA0001006651	2Y	3.0%	106,000,000	MAD	Other Financial/Financial - Other	Domestic
	14-Nov-2016	SOFAC SA	MA0001006669	5Y	3.9%	65,000,000	MAD	Other Financial/Financial - Other	Domestic
	15-Dec-2016	CREDIT IMMOBILIER ET HOTELIER SA	MA0000092991	10Y	3.0%	960,600,000	MAD	Banks/Banking	Domestic
	15-Dec-2016	CREDIT IMMOBILIER ET HOTELIER SA	MA0000092983	10Y	3.8%	39,400,000	MAD	Banks/Banking	Domestic
	20-Dec-2016	SOCIETE GENERALE MAROCAINE DE BANQUES SA	MA0001407701	6Y	4.5%	10,000,000	MAD	Banks/Banking	Domestic
	14-Nov-2016	ABU DHABI COMMERCIAL BANK PJSC	XS1520346799	3Y	--	300,000,000	USD	Banks/Banking	Eurobond
UAE	17-Nov-2016	ABU DHABI COMMERCIAL BANK PJSC	XS1520712487	3Y	--	200,000,000	USD	Banks/Banking	Eurobond
	21-Nov-2016	EMIRATES NBD BANK PJSC	XS1515235445	2Y	--	10,000,000	USD	Banks/Banking	Eurobond
	21-Nov-2016	EMIRATES NBD BANK PJSC	XS1515234711	2Y	--	10,000,000	USD	Banks/Banking	Eurobond
	22-Nov-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341829833	5Y	2.8%	30,000,000	EUR	Other Financial/Financial - Other	Foreign
	23-Nov-2016	INDUSTRIAL AND COMMERCIAL BANK OF CHINA LTD (DUBAI)	XS1524608566	3Y	1.7%	30,000,000	USD	Banks/Banking	Eurobond
	29-Nov-2016	EMIRATES NBD BANK PJSC	XS1529760891	4Y	2.3%	80,000,000	USD	Banks/Banking	Eurobond
	02-Dec-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341823562	5Y	1.6%	30,000,000	CHF	Other Financial/Financial - Other	Foreign
	02-Dec-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341823588	5Y	2.0%	30,000,000	CHF	Other Financial/Financial - Other	Foreign
	05-Dec-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341838792	2Y	0.7%	30,000,000	EUR	Other Financial/Financial - Other	Foreign
	07-Dec-2016	MASHREQBANK PSC	XS1532498737	3Y	0.5%	1,000,000,000	JPY	Banks/Banking	Eurobond
	09-Dec-2016	NATIONAL BANK OF ABU DHABI PJSC	XS1535980293	7Y	3.3%	100,000,000	USD	Banks/Banking	Eurobond
	13-Dec-2016	ICICI BANK LTD (DUBAI BRANCH)	XS1531776430	5Y	2.4%	10,000,000	USD	Banks/Banking	Eurobond
	15-Dec-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341837026	5Y	1.6%	30,000,000	CHF	Other Financial/Financial - Other	Foreign
	15-Dec-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341837109	5Y	1.2%	30,000,000	CHF	Other Financial/Financial - Other	Foreign
	15-Dec-2016	VONTOBEL FINANCIAL PRODUCTS LTD	CH0341838784	5Y	2.0%	30,000,000	CHF	Other Financial/Financial - Other	Foreign
	28-Dec-2016	EMIRATES NBD BANK PJSC	XS1539075520	7Y	3.3%	10,000,000	USD	Banks/Banking	Eurobond
	06-Jan-2017	NATIONAL BANK OF ABU DHABI PJSC	XS1546411650	30Y	--	885,000,000	USD	Banks/Banking	Eurobond

Source: Reuters

Appendix C – MENA SUKUK Issuances in 2016

Domicile	Issuer Name	Sector	ISIN	Amount Issued (USD)	Coupon	Tenor	Issue Date	Ticker
Bahrain	CBB International Sukuk Company 5 S.P.C	Financial - Other	XS1405770733	1,000,000,000	5.624	7 Years	12-Oct-16	CTBKBE
Jordan	National Electric Power Co	Electric Utility High Quality		106,037,042	3.500	5 Years	23-May-16	NEPOW
	Jordan, Hashemite Kingdom of (Government)	Sovereign		48,022,598	3.010	5 Years	17-Oct-16	JOBND
Kuwait	Gulf Investment Corporation SAG	Supranational	MYBVI1600334	100,222,717	5.100	5 Years	16-Mar-16	GULIN
	Gulf Investment Corporation SAG	Supranational	MYBVI1600334	100,222,717	5.100	5 Years	16-Mar-16	GULIN
Oman	First Issue SAOC	Financial - Other		47,840,669	5.300	5 Years	03-Feb-16	FIISU
	First Issue SAOC	Financial - Other		82,160,000	5.300	5 Years	03-Feb-16	FIISU
	Oman Sovereign Sukuk SAOC	Financial - Other	XS1439099489	500,000,000	3.500	6 Years	14-Jul-16	OMANS
Qatar	State of Qatar	Sovereign		68,654,912	--	10 Years	16-Aug-16	QATAR
	State of Qatar	Sovereign		68,654,912	--	7 Years	16-Aug-16	QATAR
	State of Qatar	Sovereign		164,771,791	--	3 Years	16-Aug-16	QATAR
	State of Qatar	Sovereign		137,309,825	--	5 Years	16-Aug-16	QATAR
	State of Qatar	Sovereign		226,561,212	--	10 Years	20-Sep-16	QATAR
	State of Qatar	Sovereign		164,771,791	--	7 Years	20-Sep-16	QATAR
	State of Qatar	Sovereign		178,502,773	--	3 Years	20-Sep-16	QATAR
	State of Qatar	Sovereign		151,040,808	--	5 Years	20-Sep-16	QATAR
	State of Qatar	Sovereign		54,923,930	--	3 Years	18-Oct-16	QATAR
	State of Qatar	Sovereign		68,654,912	--	7 Years	18-Oct-16	QATAR
	State of Qatar	Sovereign		247,157,686	--	10 Years	18-Oct-16	QATAR
	State of Qatar	Sovereign		41,192,947	--	5 Years	18-Oct-16	QATAR
Saudi Arabia	Bank Aljazira JSC	Banking	SA143FK0FVJ0	533,262,231	4.160	10 Years	02-Jun-16	BKALJ
	Saudi International Petrochemical Co SJSC	Oil and Gas	SA143FK14431	266,624,006	4.556	5 Years	16-Jun-16	SAENR
	Bank Albilad SJSC	Banking		533,361,779	4.298	10 Years	30-Aug-16	BANAL

Appendix D – MENA SUKUK Pipeline

Country	Announcement Date	Issuer Name	ISIN / Cusip	Tenor	Coupon	Issue Amount	Currency	Sector / Subsector	Market
Kuwait	14-Dec-2016 13:36	WARBA BANK KSC	--	--	--	250,000,000 USD		Banks/Banking	Eurobond
Saudi Arabia	22-Nov-2016	ACWA POWER PROJECTS	--	13.5Y	--	1,000,000,000 USD		Electric Power/Utility - Other	--
UAE	15-Nov-2016	DUBAI DOF WAKALA SUKUK 1 SPV FZE	XS1514029765	10Y	--	300,000,000 USD		Other Financial/Financial - Other	Eurobond
	04-Jan-2017 16:13	DUBAI ISLAMIC BANK PJSC	--	--	--	--	--	Banks/Banking	--

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