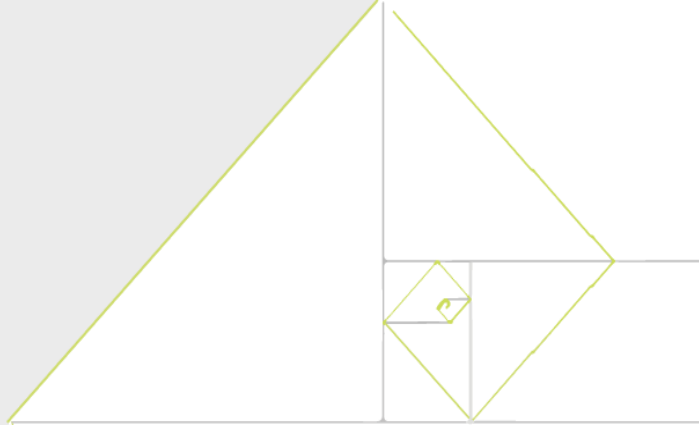




## GCC Fixed Income Monthly Chartbook

May - 2019



KUWAIT | UAE

### KAMCO Investment Company K.S.C.P

---

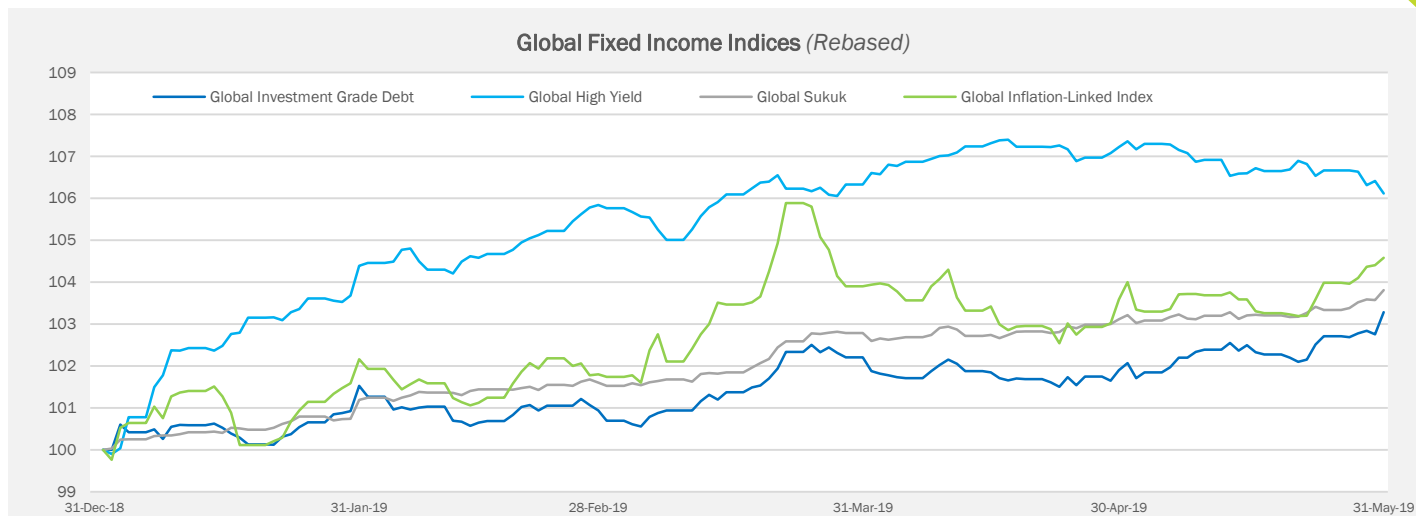
#### Head Office-Kuwait

Al-Shaheed Tower, Sharq  
P.O. Box 28873, Safat 13149  
State of Kuwait  
Tel: (+965) 185 26 26  
Fax: (+965) 2244 4346  
Website: [www.kamconline.com](http://www.kamconline.com)

#### Dubai

Office 205, Level 2,  
Gate Village 1, DIFC  
P.O. Box 507205 Dubai, UAE  
Tel: (+971) 4350 2900  
Fax: (+971) 4346 4443

---



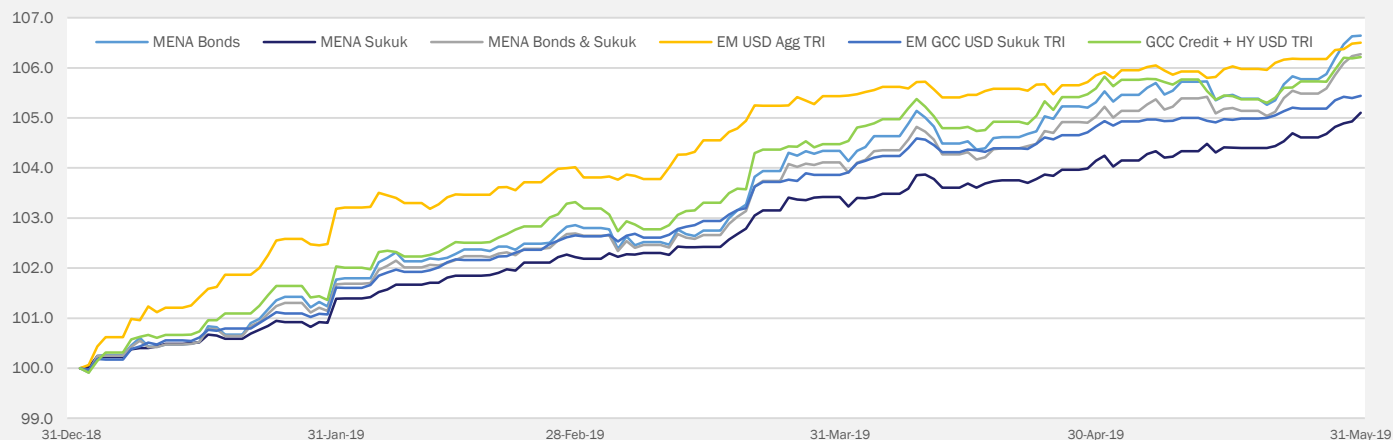
| Index                         | Close    | MTD    | YTD   | 1-Yr-Chg | 2018 Change |
|-------------------------------|----------|--------|-------|----------|-------------|
| Global Investment Grade Debt  | 494.62   | 1.35%  | 3.28% | 3.09%    | -1.20%      |
| Global High Yield             | 1,333.48 | -1.04% | 6.11% | 3.97%    | -4.06%      |
| Global Sukuk                  | 102.77   | 0.67%  | 3.81% | 3.40%    | -3.41%      |
| Global Inflation-Linked Index | 344.64   | 0.96%  | 4.58% | 1.94%    | -4.11%      |

| US       | Closing % | MTD (bps) | YTD (bps) | 1-Yr-Chg (bps) | 2018 Chg (bps) |
|----------|-----------|-----------|-----------|----------------|----------------|
| 3-Month  | 2.342     | -7.6      | -1.9      | 44.2           | 97.9           |
| 6-Month  | 2.348     | -9.9      | -13.4     | 26.9           | 94.9           |
| 12-Month | 2.205     | -17.2     | -39.4     | -2.2           | 86.1           |
| 2-Year   | 1.924     | -34.3     | -56.6     | -50.5          | 60.5           |
| 5-Year   | 1.912     | -36.7     | -60.0     | -78.5          | 30.5           |
| 10-Year  | 2.125     | -37.8     | -56.0     | -73.4          | 27.9           |
| 30-Year  | 2.569     | -36.0     | -44.6     | -45.7          | 27.5           |

| UK      | Closing % | MTD (bps) | YTD (bps) | 1-Yr-Chg (bps) | 2018 Chg (bps) |
|---------|-----------|-----------|-----------|----------------|----------------|
| 2-Year  | 0.595     | -16.3     | -14.9     | -1.0           | 31.7           |
| 5-Year  | 0.635     | -27.0     | -26.5     | -31.0          | 18.2           |
| 10-Year | 0.885     | -29.8     | -39.0     | -34.3          | 8.7            |
| 30-Year | 1.47      | -22.2     | -34.7     | -22.5          | 6.2            |

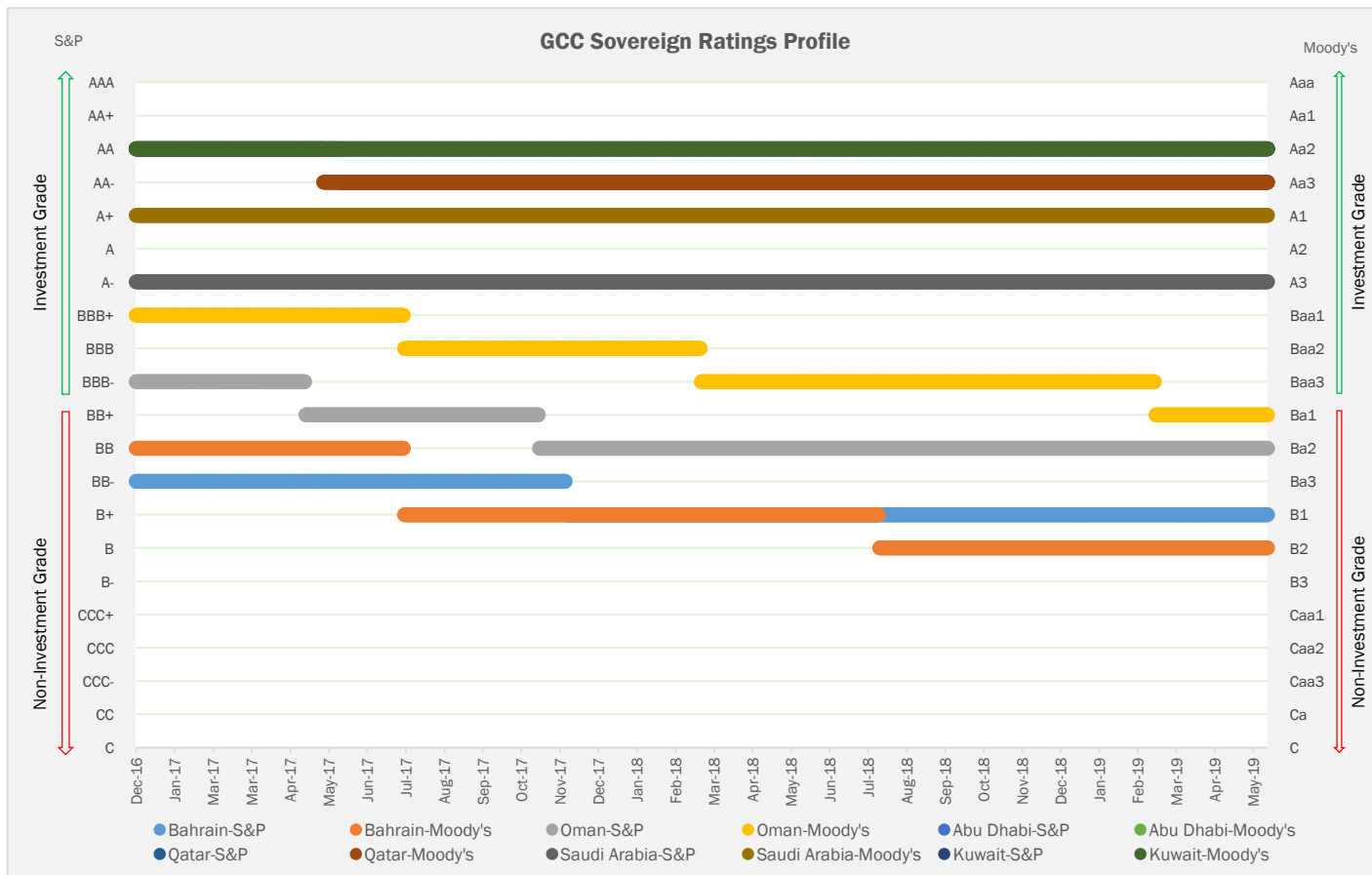
| Germany | Closing % | MTD (bps) | YTD (bps) | 1-Yr-Chg (bps) | 2018 Chg (bps) |
|---------|-----------|-----------|-----------|----------------|----------------|
| 2-Year  | -0.673    | -8.3      | -5.3      | -0.6           | 1.9            |
| 5-Year  | -0.582    | -16.6     | -26.2     | -30.7          | -11.3          |
| 10-Year | -0.204    | -21.6     | -44.3     | -54.2          | -18.4          |
| 30-Year | 0.425     | -22.8     | -44.6     | -60.4          | -38.6          |

MENA and Emerging Market Fixed Income Indices (Rebased)

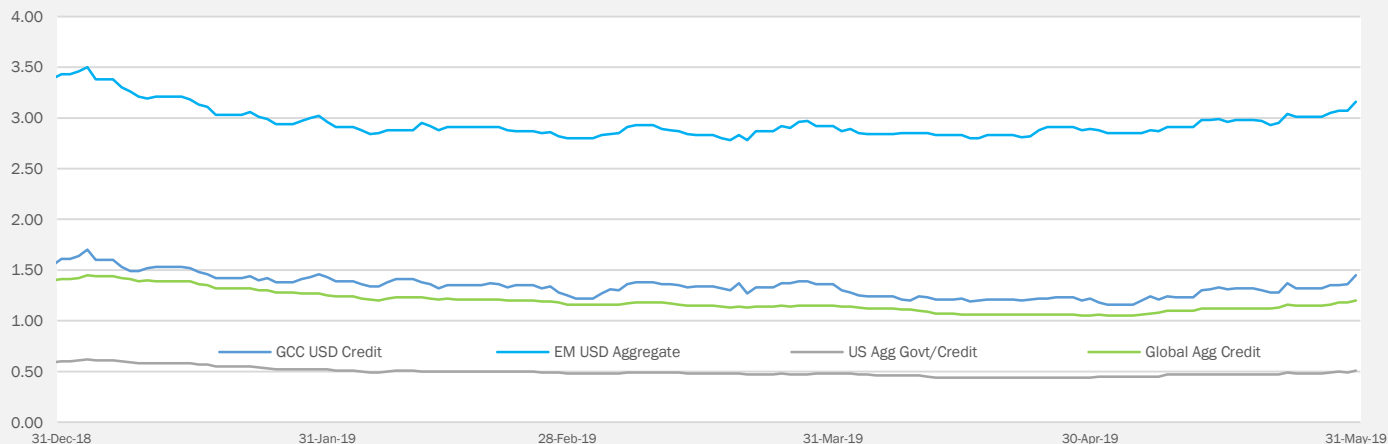


| Index                          | Close    | MTD   | YTD   | 1-Yr-Chg | 2018 Change |
|--------------------------------|----------|-------|-------|----------|-------------|
| <b>MENA Bonds</b>              | 129.91   | 1.26% | 6.64% | 9.55%    | 0.36%       |
| <b>MENA Sukuk</b>              | 123.60   | 0.92% | 5.10% | 6.87%    | 0.33%       |
| <b>MENA Bonds &amp; Sukuk</b>  | 128.23   | 1.19% | 6.27% | 8.93%    | 0.39%       |
| <b>EM USD Agg TRI</b>          | 1,138.65 | 0.62% | 6.50% | 7.31%    | -2.46%      |
| <b>EM GCC USD Sukuk TRI</b>    | 124.24   | 0.58% | 5.44% | 7.78%    | 0.29%       |
| <b>GCC Credit + HY USD TRI</b> | 161.08   | 0.60% | 6.21% | 8.98%    | 0.18%       |

|                     | S&P    |         | Moody's |         | Fitch  |         |
|---------------------|--------|---------|---------|---------|--------|---------|
|                     | Rating | Outlook | Rating  | Outlook | Rating | Outlook |
| <b>Bahrain</b>      | B+     | STABLE  | B2u     | STABLE  | BB-    | STABLE  |
| <b>Kuwait</b>       | AA     | STABLE  | Aa2     | STABLE  | AA     | STABLE  |
| <b>Oman</b>         | BB     | NEG     | Ba1     | NEG     | BB+    | STABLE  |
| <b>Qatar</b>        | AA-    | STABLE  | Aa3     | STABLE  | AA-    | STABLE  |
| <b>Saudi Arabia</b> | A-     | STABLE  | A1      | STABLE  | A+     | STABLE  |
| <b>UAE</b>          | NR     | NR      | Aa2     | STABLE  | NR     | NR      |
| <b>Abu Dhabi</b>    | AA     | STABLE  | Aa2     | STABLE  | AA     | STABLE  |
|                     |        |         |         |         |        |         |
| <b>Egypt</b>        | B      | STABLE  | B2      | STABLE  | B+     | STABLE  |
| <b>Jordan</b>       | B+     | STABLE  | B1      | STABLE  | NR     | NR      |
| <b>Tunisia</b>      | NR     | NR      | B2      | NEG     | B+     | NEG     |
| <b>Morocco</b>      | BBB-   | NEG     | Ba1     | STABLE  | BBB-   | STABLE  |
| <b>Lebanon</b>      | B-     | NEG     | Caa1    | STABLE  | B-     | NEG     |
| <b>US</b>           | AA+u   | STABLE  | Aaa     | STABLE  | AAA    | STABLE  |
| <b>UK</b>           | AAu    | NEG     | Aa2     | STABLE  | AA *-  | NR      |
| <b>Germany</b>      | AAAu   | STABLE  | Aaa     | STABLE  | AAA    | STABLE  |
| <b>China</b>        | A+     | STABLE  | A1      | STABLE  | A+     | STABLE  |
| <b>India</b>        | BBB-u  | STABLE  | Baa2    | STABLE  | BBB-   | STABLE  |



GCC Bond Spreads vs. EM vs. US and Global average

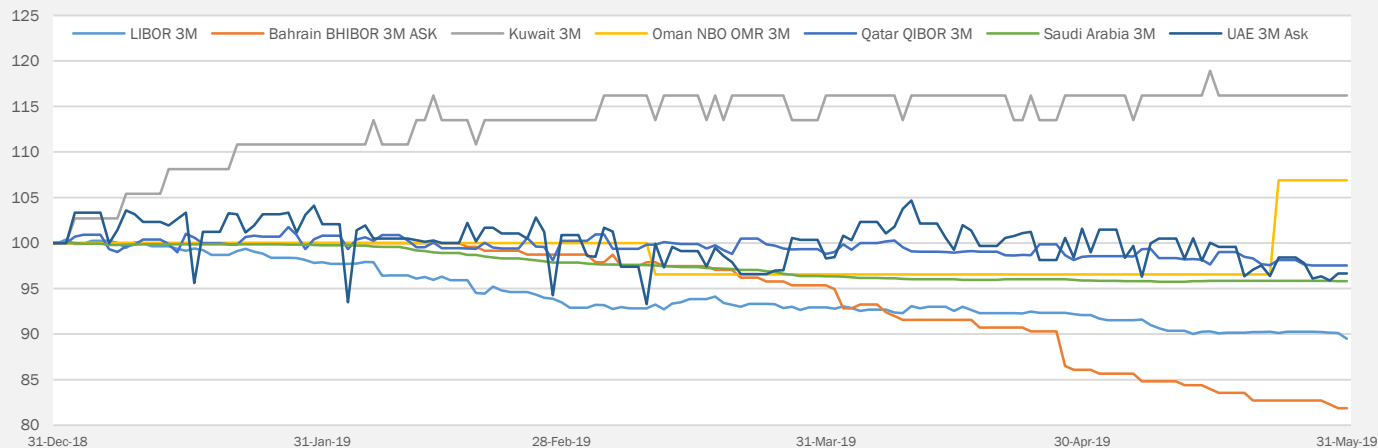


| OAS                       | Close (%) | MTD (bps) | YTD (bps) | 1-Yr-Chg (bps) | 2018 Change |
|---------------------------|-----------|-----------|-----------|----------------|-------------|
| <b>GCC USD Credit</b>     | 1.45      | 23.00     | -16.00    | -22.00         | 31.00       |
| <b>EM USD Aggregate</b>   | 3.16      | 27.00     | -27.00    | 33.00          | 117.00      |
| <b>US Agg Govt/Credit</b> | 0.51      | 7.00      | -9.00     | 4.00           | 20.00       |
| <b>Global Agg Credit</b>  | 1.20      | 15.00     | -21.00    | 9.00           | 54.00       |

# GCC 3-Month Interbank Rate Changes vs. 3M USD LIBOR

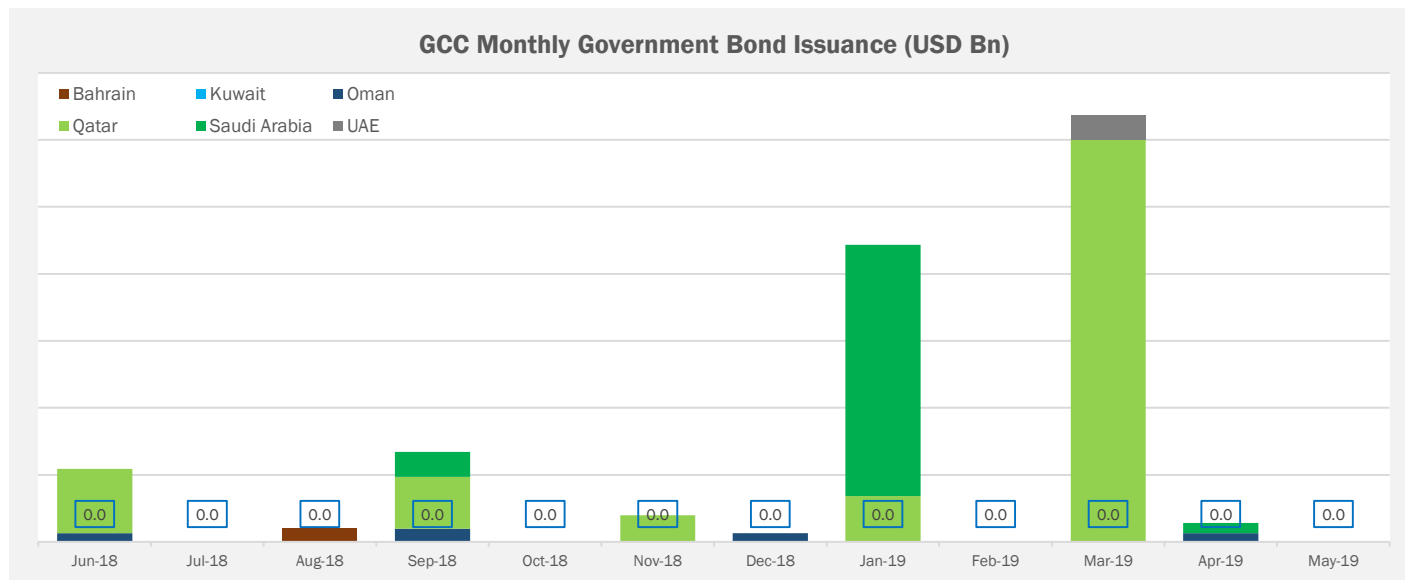
May-2019

Short-Term Interbank Rate Movement



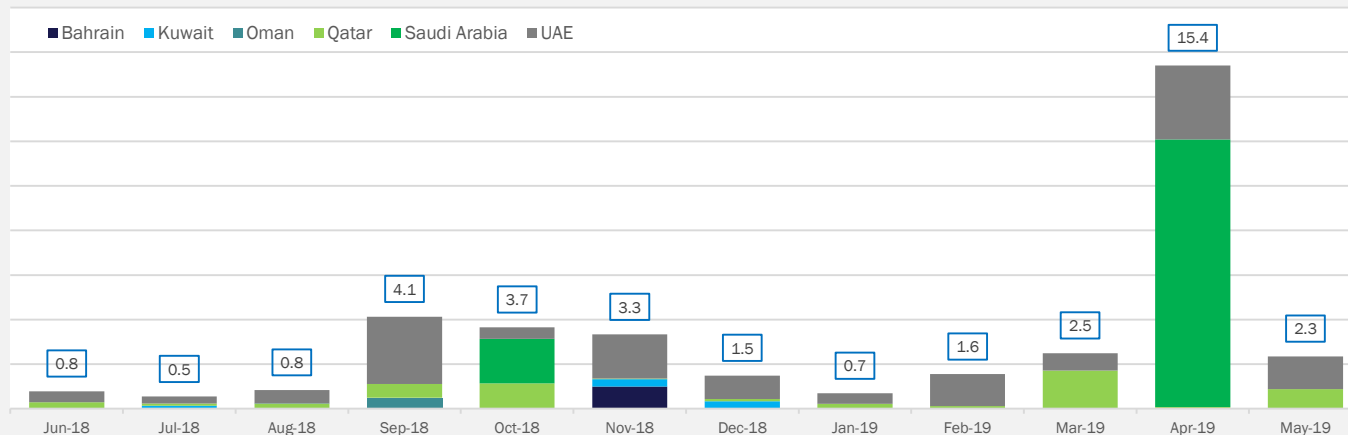
| 3M Interbank Rate bps Changes | Close (%) | MTD (bps) | YTD (bps) | 1-Yr-Chg (bps) | 2018 Change |
|-------------------------------|-----------|-----------|-----------|----------------|-------------|
| <b>LIBOR 3M</b>               | 2.50      | -7.31     | -30.51    | 18.13          | 111.34      |
| <b>Bahrain BHIBOR 3M Ask</b>  | 3.23      | -16.67    | -71.67    | 3.33           | 122.50      |
| <b>Kuwait 3M</b>              | 2.69      | 0.00      | 37.50     | 75.00          | 43.75       |
| <b>Oman NBO OMR 3M</b>        | 3.10      | 30.00     | 20.00     | 95.00          | 110.00      |
| <b>Qatar QIBOR 3M</b>         | 2.83      | -2.79     | -7.16     | 20.09          | 25.82       |
| <b>Saudi Arabia 3M</b>        | 2.85      | -0.25     | -12.50    | 41.13          | 107.88      |
| <b>UAE 3M Ask</b>             | 2.74      | -13.95    | -9.50     | 18.50          | 104.25      |





No government bond issuances during the month.

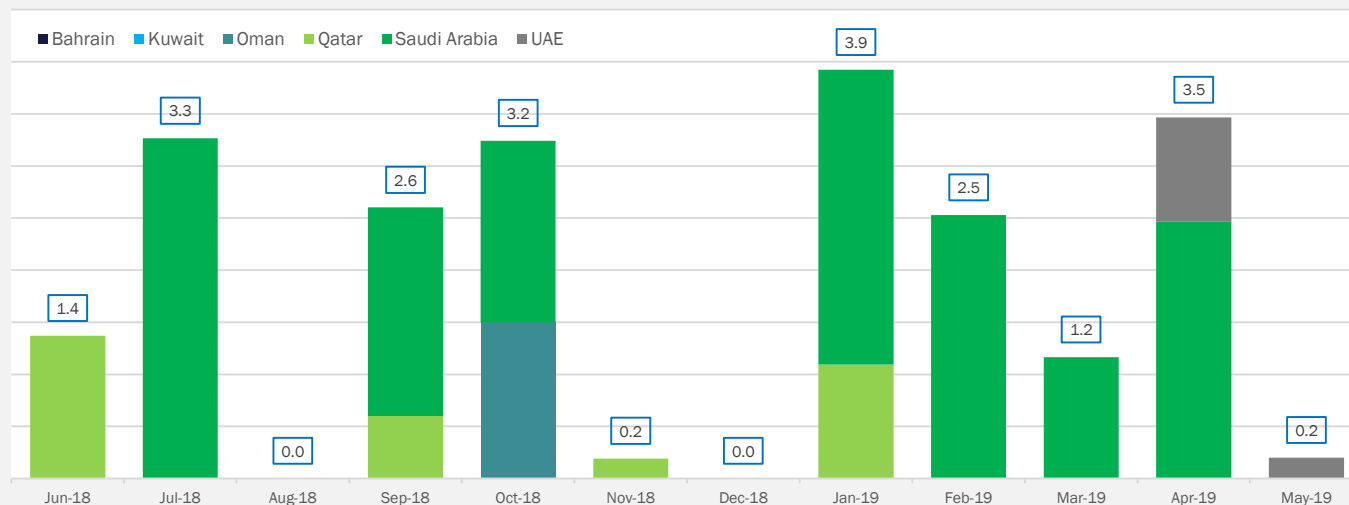
GCC Monthly Corporate Bond Issuance (USD Bn)



## Key primary market issuances during the month:

| Issuer                  | Country | Issue Date | Maturity  | Amount Issued (USD) | Coupon (%) |
|-------------------------|---------|------------|-----------|---------------------|------------|
| QNB Finance Ltd         | QA      | 2-May-19   | 2-May-22  | 850,000,000         | 3.58       |
| Emirates NBD PJSC       | AE      | 8-May-19   | 8-May-39  | 200,000,000         | 4.90       |
| Emirates NBD PJSC       | AE      | 16-May-19  | 16-May-39 | 207,048,000         | 4.62       |
| Mashreqbank PSC         | AE      | 22-May-19  | 22-May-24 | 100,000,000         | 4.12       |
| ADCB Finance Cayman Ltd | AE      | 29-May-19  | 29-Nov-24 | 198,623,600         | 0.50       |
| Mashreqbank PSC         | AE      | 30-May-19  | 26-Feb-24 | 175,000,000         | 4.25       |

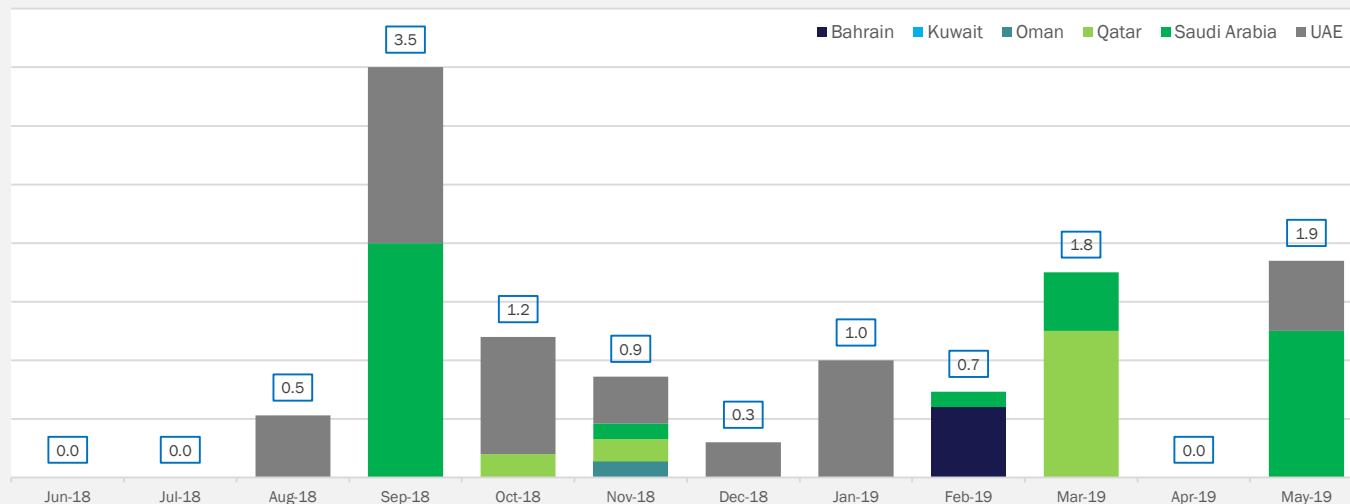
GCC Monthly Government Sukuk Issuance (USD Bn)



## Key primary market issuances during the month:

| Issuer                    | Country | Issue Date | Maturity  | Amount Issued (USD) | Coupon (%) |
|---------------------------|---------|------------|-----------|---------------------|------------|
| Sharjah Sukuk Program Ltd | AE      | 23-May-19  | 23-May-25 | 200,000,000         | 4.07       |

GCC Monthly Corporate Sukuk Issuance (USD Bn)

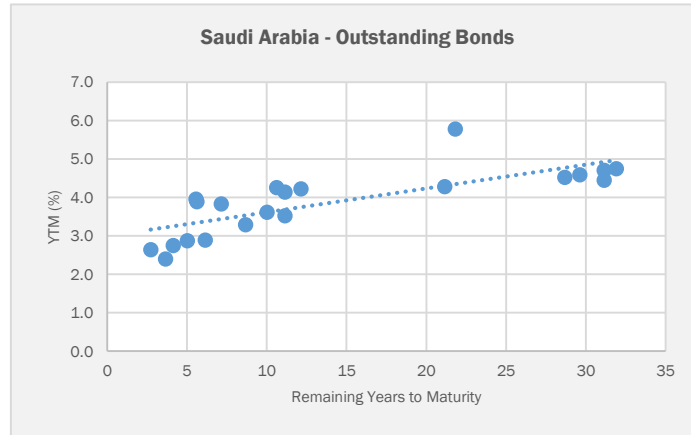
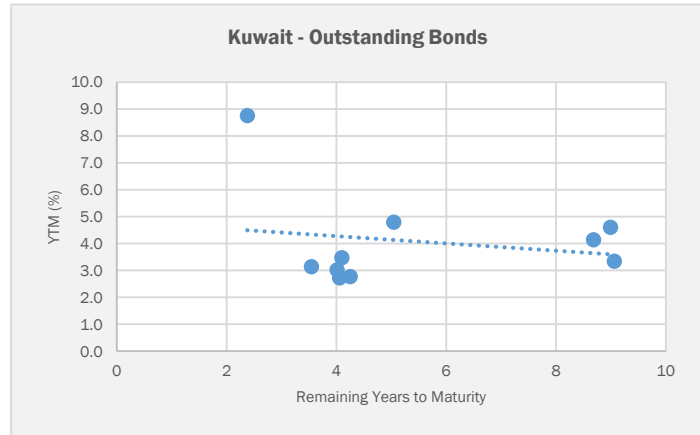
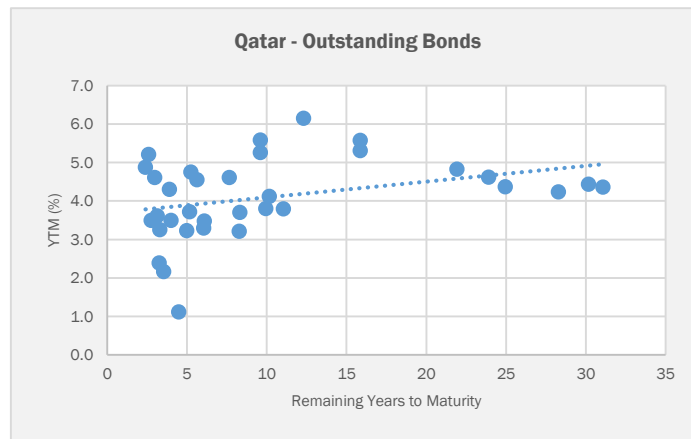
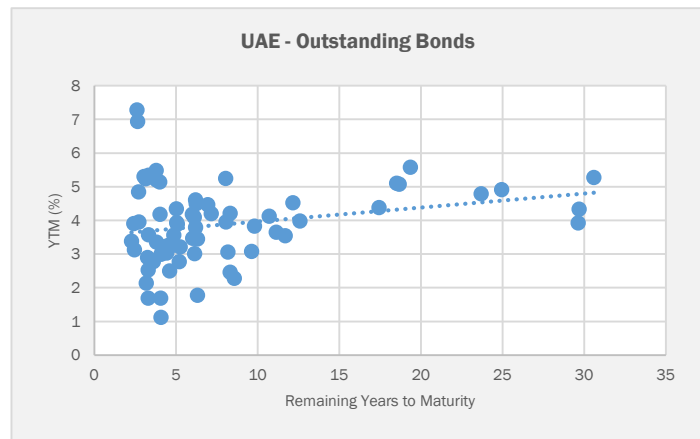


## Key primary market issuances during the month:

| Issuer                | Country | Issue Date | Maturity  | Amount Issued (USD) | Coupon (%) |
|-----------------------|---------|------------|-----------|---------------------|------------|
| MAFUAE 4.638 05/14/29 | AE      | 14-May-19  | 14-May-29 | 600,000,000         | 4.64       |
| STCAB 3.89 05/13/29   | SA      | 13-May-19  | 13-May-29 | 1,250,000,000       | 3.89       |

# GCC Outstanding Bond YTMs vs. Remaining Years to Maturity

May-2019



Note: Charts include fixed coupon investment grade hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

## Appendix

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                   | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------|-----------|----------------|----------------|------------------|------|---------|-------|
| EAPART 6 7/8 09/28/20 | 28-Sep-15  | 700,000,000   | 28-Sep-20 | 6.875 | Airlines                 | 44        | 7,687          | 15.6           | 2.6              | NR   | NR      | C     |
| EMIRAT 4 1/2 02/06/25 | 6-Feb-13   | 750,000,000   | 6-Feb-25  | 4.5   | Airlines                 | 100.869   | 211            | 4.5            | 6.9              | BBB+ | NR      | NR    |
| RAKBNK 4 1/8 04/09/24 | 9-Apr-19   | 500,000,000   | 9-Apr-24  | 4.125 | Banks                    | 100.636   | 206            | 4.1            | 6.1              | NR   | Baa1    | BBB+  |
| MASQUH 4 1/4 02/26/24 | 26-Feb-19  | 500,000,000   | 26-Feb-24 | 4.25  | Banks                    | 101.7415  | 193            | 4.2            | 6.0              | A-   | Baa1    | A     |
| ICICI 3.8 12/14/27    | 14-Dec-17  | 500,000,000   | 14-Dec-27 | 3.8   | Banks                    | 99.2845   | 183            | 3.8            | 9.8              | BBB- | Baa3    | NR    |
| BOSUH 4.23 03/07/22   | 7-Mar-17   | 500,000,000   | 7-Mar-22  | 4.23  | Banks                    | 101.235   | 183            | 4.2            | 4.0              | NR   | NR      | BBB+  |
| ICICI 4 03/18/26      | 18-Mar-16  | 800,000,000   | 18-Mar-26 | 4     | Banks                    | 101.2245  | 178            | 4.0            | 8.1              | BBB- | Baa3    | NR    |
| UNBUH 4 03/13/23      | 13-Mar-18  | 500,000,000   | 13-Mar-23 | 4     | Banks                    | 101.7335  | 160            | 3.9            | 5.0              | A    | A1      | A+    |
| ADCBUH 4 1/2 03/06/23 | 6-Mar-13   | 750,000,000   | 6-Mar-23  | 4.5   | Banks                    | 103.743   | 152            | 4.3            | 5.0              | A-   | NR      | A     |
| AXSBIN 3 08/08/22     | 8-Aug-17   | 500,000,000   | 8-Aug-22  | 3     | Banks                    | 99.1095   | 133            | 3.0            | 4.4              | BBB- | Baa3    | BBB-  |
| ICICI 3 1/4 09/09/22  | 9-Mar-17   | 650,000,000   | 9-Sep-22  | 3.25  | Banks                    | 99.8655   | 132            | 3.3            | 4.5              | BBB- | Baa3    | BBB+  |
| BOSUH 3.374 06/08/20  | 8-Jun-15   | 500,000,000   | 8-Jun-20  | 3.374 | Banks                    | 99.8535   | 129            | 3.4            | 2.3              | NR   | NR      | BBB+  |
| EBIUH 3 1/4 11/14/22  | 14-Nov-17  | 750,000,000   | 14-Nov-22 | 3.25  | Banks                    | 100.177   | 129            | 3.2            | 4.7              | NR   | A3      | A+    |
| ADCBUH 4 03/29/23     | 29-Mar-18  | 750,000,000   | 29-Mar-23 | 4     | Banks                    | 102.954   | 127            | 3.9            | 5.1              | A    | NR      | A+    |
| AXSBIN 2 7/8 06/01/21 | 1-Jun-16   | 500,000,000   | 1-Jun-21  | 2.875 | Banks                    | 99.3475   | 116            | 2.9            | 3.3              | BBB- | Baa3    | BBB-  |
| UNBUH 2 3/4 10/05/21  | 5-Oct-16   | 600,000,000   | 5-Oct-21  | 2.75  | Banks                    | 99.2775   | 111            | 2.8            | 3.6              | A    | A1      | A+    |
| CBDUH 4 11/17/20      | 17-Nov-15  | 400,000,000   | 17-Nov-20 | 4     | Banks                    | 101.2175  | 104            | 4.0            | 2.7              | NR   | Baa1    | A-    |
| FABUH 3 03/30/22      | 30-Mar-17  | 587,000,000   | 30-Mar-22 | 3     | Banks                    | 100.2785  | 97             | 3.0            | 4.1              | AA-  | Aa3     | AA-   |
| ICBCAS 2 1/2 06/16/21 | 16-Jun-16  | 400,000,000   | 16-Jun-21 | 2.5   | Banks                    | 99.092    | 91             | 2.5            | 3.3              | NR   | A1      | NR    |
| EBIUH 1 3/4 03/23/22  | 23-Mar-15  | 601,238,000   | 23-Mar-22 | 1.75  | Banks                    | 103.29    | 80             | 1.7            | 4.1              | NR   | A3      | A+    |
| ICICI 3 1/8 08/12/20  | 12-Aug-15  | 500,000,000   | 12-Aug-20 | 3.125 | Banks                    | 100.1255  | 78             | 3.1            | 2.5              | BBB- | Baa3    | NR    |
| DUBAEE 5 08/01/24     | 4-Aug-17   | 1,000,000,000 | 1-Aug-24  | 5     | Commercial Finance       | 100.1025  | 305            | 5.0            | 6.4              | BB+  | Ba2     | NR    |
| DUBAEE 5 3/4 11/15/23 | 14-Nov-18  | 500,000,000   | 15-Nov-23 | 5.75  | Commercial Finance       | 103.6795  | 267            | 5.5            | 5.7              | BB+  | Ba2     | NR    |
| DUBAEE 4 1/2 08/01/22 | 4-Aug-17   | 800,000,000   | 1-Aug-22  | 4.5   | Commercial Finance       | 100.041   | 250            | 4.5            | 4.4              | BB+  | Ba2     | NR    |
| DUBAEE 5 1/4 11/15/21 | 14-Nov-18  | 500,000,000   | 15-Nov-21 | 5.25  | Commercial Finance       | 102.711   | 208            | 5.1            | 3.7              | BB+  | NR      | NR    |
| DUBAEE 4 08/01/20     | 4-Aug-17   | 500,000,000   | 1-Aug-20  | 4     | Commercial Finance       | 100.125   | 169            | 4.0            | 2.4              | BB+  | Ba2     | NR    |
| DOLNRG 5 1/2 12/15/21 | 14-Feb-12  | 1,300,000,000 | 15-Dec-21 | 5.5   | Exploration & Production | 105.806   | 115            | 5.2            | 3.8              | NR   | A2      | A+    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                            | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|-----------------------------------|-----------|----------------|----------------|------------------|------|---------|-------|
| AABAR 1 03/27/22      | 27-Mar-15  | 1,090,190,000 | 27-Mar-22 | 1     | Financial Services                | 89.363    | 536            | 1.1            | 4.1              | NR   | Aa2     | NR    |
| INVCOR 4 5/8 05/21/24 | 21-May-14  | 500,000,000   | 21-May-24 | 4.625 | Financial Services                | 102.979   | 204            | 4.5            | 6.2              | BBB+ | NR      | NR    |
| MUBAUH 6 7/8 11/01/41 | 1-Nov-11   | 750,000,000   | 1-Nov-41  | 6.875 | Financial Services                | 143.54    | 166            | 4.8            | 23.7             | AA   | Aa2     | AA    |
| MUBAUH 3 3/4 04/19/29 | 19-Apr-17  | 650,000,000   | 19-Apr-29 | 3.75  | Financial Services                | 102.799   | 130            | 3.6            | 11.1             | AA   | Aa2     | AA    |
| MUBAUH 4 1/2 11/07/28 | 7-Nov-18   | 800,000,000   | 7-Nov-28  | 4.5   | Financial Services                | 109.083   | 127            | 4.1            | 10.7             | AA   | Aa2     | AA    |
| MUBAUH 3 04/19/24     | 19-Apr-17  | 850,000,000   | 19-Apr-24 | 3     | Financial Services                | 99.755    | 108            | 3.0            | 6.1              | AA   | Aa2     | AA    |
| MUBAUH 3.386 12/19/21 | 19-Dec-16  | 700,000,000   | 19-Dec-21 | 3.386 | Financial Services                | 100.906   | 107            | 3.4            | 3.8              | AA   | NR      | NR    |
| MUBAUH 2 3/4 05/11/23 | 12-May-16  | 500,000,000   | 11-May-23 | 2.75  | Financial Services                | 99.237    | 100            | 2.8            | 5.2              | AA   | Aa2     | AA    |
| MUBAUH 6 7/8 03/14/26 | 14-Mar-11  | 889,515,000   | 14-Mar-26 | 6.875 | Financial Services                | 131.119   | 93             | 5.2            | 8.0              | AA   | Aa2     | AA    |
| MUBAUH 3 1/4 04/28/22 | 28-Apr-14  | 750,000,000   | 28-Apr-22 | 3.25  | Financial Services                | 100.968   | 92             | 3.2            | 4.2              | AA   | Aa2     | AA    |
| MUBAUH 5 1/2 03/01/22 | 1-Nov-11   | 1,500,000,000 | 1-Mar-22  | 5.5   | Financial Services                | 106.995   | 84             | 5.1            | 4.0              | AA   | Aa2     | AA    |
| MUBAUH 5 1/2 04/20/21 | 20-Apr-11  | 750,000,000   | 20-Apr-21 | 5.5   | Financial Services                | 104.967   | 69             | 5.2            | 3.1              | AA   | Aa2     | AA    |
| ADWA 3.925 07/28/20   | 28-Jul-10  | 1,500,000,000 | 28-Jul-20 | 3.925 | Financial Services                | 100.415   | 65             | 3.9            | 2.4              | AA   | Aa2     | AA    |
| MUBAUH 5 11/15/20     | 15-Nov-10  | 1,500,000,000 | 15-Nov-20 | 5     | Financial Services                | 103.201   | 57             | 4.8            | 2.7              | AA   | Aa2     | AA    |
| MUBAUH 3 5/8 05/30/23 | 30-Nov-12  | 1,105,136,000 | 30-May-23 | 3.625 | Financial Services                | 112.881   | 54             | 3.2            | 5.3              | AA   | Aa2     | AA    |
| MUBAUH 5 7/8 03/14/21 | 14-Mar-11  | 1,748,712,500 | 14-Mar-21 | 5.875 | Financial Services                | 110.854   | 6              | 5.3            | 3.0              | AA   | Aa2     | AA    |
| EMDEBK 3.516 03/06/24 | 6-Mar-19   | 750,000,000   | 6-Mar-24  | 3.516 | Government Development Banks      | 101.354   | 129            | 3.5            | 6.0              | NR   | NR      | AA-   |
| NMCLN 1 7/8 04/30/25  | 30-Apr-18  | 450,000,000   | 30-Apr-25 | 1.875 | Health Care Facilities & Services | 81.771    | 804            | 2.3            | 7.2              | BB+  | Ba1     | NR    |
| SHLFDI 8 1/4 02/15/25 | 7-Feb-18   | 900,000,000   | 15-Feb-25 | 8.25  | Oil & Gas Services & Equipment    | 97.333    | 691            | 8.5            | 7.0              | B-   | B3      | NR    |
| ADESLN 8 5/8 04/24/24 | 24-Apr-19  | 325,000,000   | 24-Apr-24 | 8.625 | Oil & Gas Services & Equipment    | 99.695    | 675            | 8.7            | 6.2              | B+   | NR      | B+    |
| ADNOUH 4.6 11/02/47   | 2-Nov-17   | 2,200,000,000 | 2-Nov-47  | 4.6   | Pipeline                          | 106.177   | 189            | 4.3            | 29.7             | AA   | NR      | AA    |
| ADNOUH 3.65 11/02/29  | 2-Nov-17   | 837,000,000   | 2-Nov-29  | 3.65  | Pipeline                          | 102.966   | 122            | 3.5            | 11.7             | AA   | NR      | AA    |
| RPCUH 6 08/31/36      | 6-Aug-13   | 825,000,000   | 31-Aug-36 | 6     | Power Generation                  | 117.530   | 219            | 5.1            | 18.5             | A-   | A3      | NR    |
| ESCWPC 4.45 08/01/35  | 7-Dec-17   | 400,000,000   | 1-Aug-35  | 4.45  | Power Generation                  | 101.494   | 215            | 4.4            | 17.4             | A-   | A2      | NR    |
| TAQAUH 6 1/2 10/27/36 | 27-Oct-06  | 1,500,000,000 | 27-Oct-36 | 6.5   | Power Generation                  | 128.196   | 199            | 5.1            | 18.7             | NR   | A3      | A     |
| TAQAUH 4 7/8 04/23/30 | 23-Apr-18  | 1,000,000,000 | 23-Apr-30 | 4.875 | Power Generation                  | 107.847   | 188            | 4.5            | 12.2             | NR   | A3      | A     |
| TAQAUH 4 3/8 06/22/26 | 22-Jun-16  | 1,000,000,000 | 22-Jun-26 | 4.375 | Power Generation                  | 103.883   | 176            | 4.2            | 8.3              | NR   | A3      | A     |
| TAQAUH 4 3/8 04/23/25 | 23-Apr-18  | 750,000,000   | 23-Apr-25 | 4.375 | Power Generation                  | 104.116   | 165            | 4.2            | 7.2              | NR   | A3      | A     |
| TAQAUH 3 7/8 05/06/24 | 6-May-14   | 750,000,000   | 6-May-24  | 3.875 | Power Generation                  | 102.161   | 147            | 3.8            | 6.2              | NR   | A3      | A     |
| TAQAUH 3 5/8 01/12/23 | 12-Dec-12  | 1,250,000,000 | 12-Jan-23 | 3.625 | Power Generation                  | 101.801   | 119            | 3.6            | 4.9              | NR   | A3      | A     |
| TAQAUH 5 7/8 12/13/21 | 13-Dec-11  | 750,000,000   | 13-Dec-21 | 5.875 | Power Generation                  | 107.152   | 97             | 5.5            | 3.8              | NR   | A3      | A     |
| TAQAUH 3 5/8 06/22/21 | 22-Jun-16  | 750,000,000   | 22-Jun-21 | 3.625 | Power Generation                  | 101.358   | 96             | 3.6            | 3.3              | NR   | A3      | A     |
| MAFUAE 4 3/4 05/07/24 | 7-May-14   | 800,000,000   | 7-May-24  | 4.75  | Real Estate                       | 103.072   | 213            | 4.6            | 6.2              | BBB  | NR      | BBB   |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn



| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                               | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------------|-----------|----------------|----------------|------------------|------|---------|-------|
| DUGB 5 1/4 01/30/43   | 30-Jan-13  | 500,000,000   | 30-Jan-43 | 5.25  | Sovereigns                           | 106.895   | 251            | 4.9            | 24.9             | BBB+ | NR      | NR    |
| ADGB 4 1/8 10/11/47   | 11-Oct-17  | 3,000,000,000 | 11-Oct-47 | 4.125 | Sovereigns                           | 105.100   | 155            | 3.9            | 29.6             | AA   | NR      | AA    |
| DUGB 5.591 06/22/21   | 22-Jun-11  | 500,000,000   | 22-Jun-21 | 5.591 | Sovereigns                           | 104.750   | 117            | 5.3            | 3.3              | BBB+ | NR      | NR    |
| ADGB 3 1/8 10/11/27   | 11-Oct-17  | 4,000,000,000 | 11-Oct-27 | 3.125 | Sovereigns                           | 101.432   | 90             | 3.1            | 9.6              | AA   | NR      | AA    |
| ADGB 3 1/8 05/03/26   | 3-May-16   | 2,500,000,000 | 3-May-26  | 3.125 | Sovereigns                           | 102.064   | 81             | 3.1            | 8.2              | AA   | NR      | AA    |
| DUGB 7 3/4 10/05/20   | 4-Oct-10   | 750,000,000   | 5-Oct-20  | 7.75  | Sovereigns                           | 106.516   | 57             | 7.3            | 2.6              | BBB+ | NR      | NR    |
| ADGB 2 1/2 10/11/22   | 11-Oct-17  | 3,000,000,000 | 11-Oct-22 | 2.5   | Sovereigns                           | 100.230   | 52             | 2.5            | 4.6              | AA   | NR      | AA    |
| ADGB 2 1/8 05/03/21   | 3-May-16   | 2,500,000,000 | 3-May-21  | 2.125 | Sovereigns                           | 99.435    | 43             | 2.1            | 3.2              | AA   | NR      | AA    |
| TPZMAR 9 1/8 07/26/22 | 26-Jul-17  | 375,000,000   | 26-Jul-22 | 9.125 | Transportation & Logistics           | 102.122   | 604            | 8.9            | 4.4              | B-   | B3      | NR    |
| DPWDU 1 3/4 06/19/24  | 19-Jun-14  | 1,000,000,000 | 19-Jun-24 | 1.75  | Transportation & Logistics           | 98.628    | 567            | 1.8            | 6.3              | NR   | Baa1    | BBB+  |
| DPWDU 5 5/8 09/25/48  | 25-Sep-18  | 1,000,000,000 | 25-Sep-48 | 5.625 | Transportation & Logistics           | 106.566   | 293            | 5.3            | 30.6             | NR   | Baa1    | BBB+  |
| DPWDU 6.85 07/02/37   | 2-Jul-07   | 1,750,000,000 | 2-Jul-37  | 6.85  | Transportation & Logistics           | 122.711   | 273            | 5.6            | 19.4             | NR   | Baa1    | BBB+  |
| DPWDU 4 1/4 09/25/30  | 25-Sep-18  | 460,922,000   | 25-Sep-30 | 4.25  | Transportation & Logistics           | 106.850   | 238            | 4.0            | 12.6             | NR   | Baa1    | BBB+  |
| DPWDU 2 3/8 09/25/26  | 25-Sep-18  | 882,937,500   | 25-Sep-26 | 2.375 | Transportation & Logistics           | 104.296   | 166            | 2.3            | 8.6              | NR   | Baa1    | BBB+  |
| DEWAAE 7 3/8 10/21/20 | 21-Oct-10  | 1,500,000,000 | 21-Oct-20 | 7.375 | Utilities                            | 106.266   | 60             | 6.9            | 2.6              | NR   | Baa1    | WD    |
| ETISLT 3 1/2 06/18/24 | 18-Jun-14  | 500,000,000   | 18-Jun-24 | 3.5   | Wireless Telecommunications Services | 101.467   | 126            | 3.4            | 6.3              | AA-  | Aa3     | A+u   |
| ETISLT 2 3/4 06/18/26 | 18-Jun-14  | 1,628,964,000 | 18-Jun-26 | 2.75  | Wireless Telecommunications Services | 111.947   | 93             | 2.5            | 8.3              | AA-  | Aa3     | A+u   |
| ETISLT 1 3/4 06/18/21 | 18-Jun-14  | 1,628,964,000 | 18-Jun-21 | 1.75  | Wireless Telecommunications Services | 103.615   | 25             | 1.7            | 3.3              | AA-  | Aa3     | A+u   |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                               | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------------|-----------|----------------|----------------|------------------|------|---------|-------|
| ALKHAL 4 3/4 10/09/23 | 9-Oct-18   | 500,000,000   | 9-Oct-23  | 4.75  | Banks                                | 104.266   | 177            | 4.6            | 5.6              | NR   | A3      | A     |
| COMQAT 5 05/24/23     | 24-May-18  | 500,000,000   | 24-May-23 | 5     | Banks                                | 105.112   | 170            | 4.8            | 5.2              | BBB+ | A3      | NR    |
| ABQKQD 3 1/2 02/22/22 | 22-Feb-17  | 500,000,000   | 22-Feb-22 | 3.5   | Banks                                | 100.110   | 152            | 3.5            | 4.0              | NR   | A2      | NR    |
| QNBK 3 1/2 03/28/24   | 28-Mar-19  | 1,000,000,000 | 28-Mar-24 | 3.5   | Banks                                | 100.494   | 147            | 3.5            | 6.1              | A    | Aa3     | A+    |
| ABQKQD 3 5/8 04/13/21 | 13-Apr-16  | 500,000,000   | 13-Apr-21 | 3.625 | Banks                                | 100.319   | 144            | 3.6            | 3.1              | NR   | A2      | NR    |
| INTBOQ 3 1/2 11/25/20 | 25-Nov-15  | 500,000,000   | 25-Nov-20 | 3.5   | Banks                                | 100.107   | 134            | 3.5            | 2.7              | NR   | A2      | WD    |
| COMQAT 3 1/4 06/13/21 | 13-Jun-16  | 750,000,000   | 13-Jun-21 | 3.25  | Banks                                | 99.956    | 129            | 3.3            | 3.3              | BBB+ | A3      | NR    |
| QNBK 2 1/8 09/07/21   | 7-Sep-16   | 1,000,000,000 | 7-Sep-21  | 2.125 | Banks                                | 98.180    | 100            | 2.2            | 3.5              | A    | Aa3     | A+    |
| RASGAS 5.838 09/30/27 | 9-Aug-05   | 850,000,000   | 30-Sep-27 | 5.838 | Exploration & Production             | 110.960   | 140            | 5.3            | 9.6              | A    | A1      | AA-   |
| RASGAS 6.332 09/30/27 | 26-Sep-06  | 800,000,000   | 30-Sep-27 | 6.332 | Exploration & Production             | 113.280   | 132            | 5.6            | 9.6              | A    | A1      | AA-   |
| QPETRO 1.14 08/17/22  | 17-Aug-12  | 1,068,645,500 | 17-Aug-22 | 1.14  | Integrated Oils                      | 102.401   | 44             | 1.1            | 4.5              | AA-  | Aa3     | NR    |
| RASGAS 5.298 09/30/20 | 9-Aug-05   | 1,400,000,000 | 30-Sep-20 | 5.298 | Pipeline                             | 101.740   | 26             | 5.2            | 2.6              | A    | A1      | AA-   |
| QATDIA 5 07/21/20     | 21-Jul-10  | 2,500,000,000 | 21-Jul-20 | 5     | Real Estate                          | 102.462   | 59             | 4.9            | 2.4              | AA-  | Aa3     | NR    |
| QATAR 5.103 04/23/48  | 23-Apr-18  | 6,000,000,000 | 23-Apr-48 | 5.103 | Sovereigns                           | 114.945   | 194            | 4.4            | 30.2             | AA-  | Aa3     | AA-   |
| QATAR 4.817 03/14/49  | 14-Mar-19  | 6,000,000,000 | 14-Mar-49 | 4.817 | Sovereigns                           | 110.354   | 192            | 4.4            | 31.1             | AA-  | Aa3     | AA-   |
| QATAR 5 3/4 01/20/42  | 5-Dec-11   | 1,000,000,000 | 20-Jan-42 | 5.75  | Sovereigns                           | 124.459   | 182            | 4.6            | 23.9             | AA-  | Aa3     | NR    |
| QATAR 6.4 01/20/40    | 24-Nov-09  | 1,000,000,000 | 20-Jan-40 | 6.4   | Sovereigns                           | 132.674   | 181            | 4.8            | 21.9             | AA-  | Aa3     | NR    |
| QATAR 4 5/8 06/02/46  | 2-Jun-16   | 2,000,000,000 | 2-Jun-46  | 4.625 | Sovereigns                           | 109.062   | 180            | 4.2            | 28.3             | AA-  | Aa3     | AA-   |
| QATAR 4 03/14/29      | 14-Mar-19  | 4,000,000,000 | 14-Mar-29 | 4     | Sovereigns                           | 105.373   | 127            | 3.8            | 11.0             | AA-  | Aa3     | AA-   |
| QATAR 9 3/4 06/15/30  | 29-Jun-00  | 1,400,000,000 | 15-Jun-30 | 9.75  | Sovereigns                           | 158.500   | 125            | 6.2            | 12.3             | AA-  | Aa3     | NR    |
| QATAR 4 1/2 04/23/28  | 23-Apr-18  | 3,000,000,000 | 23-Apr-28 | 4.5   | Sovereigns                           | 109.328   | 123            | 4.1            | 10.2             | AA-  | Aa3     | AA-   |
| QATAR 3 1/4 06/02/26  | 2-Jun-16   | 3,500,000,000 | 2-Jun-26  | 3.25  | Sovereigns                           | 101.090   | 109            | 3.2            | 8.3              | AA-  | Aa3     | AA-   |
| QATAR 3 3/8 03/14/24  | 14-Mar-19  | 2,000,000,000 | 14-Mar-24 | 3.375 | Sovereigns                           | 102.330   | 93             | 3.3            | 6.0              | AA-  | Aa3     | AA-   |
| QATAR 3 7/8 04/23/23  | 23-Apr-18  | 3,000,000,000 | 23-Apr-23 | 3.875 | Sovereigns                           | 104.063   | 86             | 3.7            | 5.2              | AA-  | Aa3     | AA-   |
| QATAR 4 1/2 01/20/22  | 5-Dec-11   | 2,000,000,000 | 20-Jan-22 | 4.5   | Sovereigns                           | 104.548   | 74             | 4.3            | 3.9              | AA-  | Aa3     | NR    |
| QATAR 2 3/8 06/02/21  | 2-Jun-16   | 3,500,000,000 | 2-Jun-21  | 2.375 | Sovereigns                           | 99.405    | 70             | 2.4            | 3.3              | AA-  | Aa3     | AA-   |
| QGTS 6.267 12/31/33   | 19-Dec-06  | 300,000,000   | 31-Dec-33 | 6.267 | Utilities                            | 112.286   | 206            | 5.6            | 15.8             | A    | A2      | A-    |
| QGTS 6.067 12/31/33   | 19-Dec-06  | 850,000,000   | 31-Dec-33 | 6.067 | Utilities                            | 114.240   | 182            | 5.3            | 15.8             | A+   | A1      | A     |
| QTELDQ 4 1/2 01/31/43 | 31-Jan-13  | 500,000,000   | 31-Jan-43 | 4.5   | Wireline Telecommunications Services | 103.066   | 203            | 4.4            | 24.9             | A-   | A2      | A-    |
| QTELDQ 3 7/8 01/31/28 | 31-Jan-13  | 500,000,000   | 31-Jan-28 | 3.875 | Wireline Telecommunications Services | 101.897   | 158            | 3.8            | 9.9              | A-   | A2      | A-    |
| QTELDQ 3 3/4 06/22/26 | 22-Jun-16  | 500,000,000   | 22-Jun-26 | 3.75  | Wireline Telecommunications Services | 101.201   | 157            | 3.7            | 8.3              | A-   | A2      | A-    |
| QTELDQ 5 10/19/25     | 19-Oct-10  | 750,000,000   | 19-Oct-25 | 5     | Wireline Telecommunications Services | 108.414   | 156            | 4.6            | 7.6              | A-   | A2      | A-    |
| QTELDQ 3 1/4 02/21/23 | 19-Dec-12  | 1,000,000,000 | 21-Feb-23 | 3.25  | Wireline Telecommunications Services | 100.690   | 114            | 3.2            | 5.0              | A-   | A2      | A-    |
| QTELDQ 4 3/4 02/16/21 | 14-Oct-10  | 1,000,000,000 | 16-Feb-21 | 4.75  | Wireline Telecommunications Services | 103.094   | 83             | 4.6            | 3.0              | A-   | A2      | A-    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                   | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------|-----------|----------------|----------------|------------------|-----|---------|-------|
| GULINT 3 1/2 03/25/22 | 25-Jan-17  | 500,000,000   | 25-Mar-22 | 3.5   | Banks                    | 99.743    | 167            | 3.5            | 4.1              | NR  | Baa1    | BBB+  |
| OILGAS 7 1/2 10/25/27 | 25-Oct-17  | 1,000,000,000 | 25-Oct-27 | 7.5   | Exploration & Production | 104.247   | 480            | 7.2            | 9.7              | NR  | NR      | BB-   |
| OILGAS 8 3/8 11/07/28 | 7-Nov-18   | 500,000,000   | 7-Nov-28  | 8.375 | Exploration & Production | 110.435   | 480            | 7.6            | 10.7             | NR  | NR      | BB-   |
| OILGAS 7 5/8 11/07/24 | 7-Nov-18   | 500,000,000   | 7-Nov-24  | 7.625 | Exploration & Production | 107.413   | 406            | 7.1            | 6.7              | NR  | NR      | BB-   |
| BHRAIN 7 1/2 09/20/47 | 20-Sep-17  | 900,000,000   | 20-Sep-47 | 7.5   | Sovereigns               | 102.663   | 503            | 7.3            | 29.6             | B+  | NR      | BB-   |
| BHRAIN 6 09/19/44     | 17-Sep-14  | 1,250,000,000 | 19-Sep-44 | 6     | Sovereigns               | 89.375    | 464            | 6.7            | 26.6             | B+  | NR      | BB-   |
| BHRAIN 6 3/4 09/20/29 | 20-Sep-17  | 1,250,000,000 | 20-Sep-29 | 6.75  | Sovereigns               | 103.334   | 419            | 6.5            | 11.6             | B+  | NR      | BB-   |
| BHRAIN 7 10/12/28     | 12-Oct-16  | 1,600,000,000 | 12-Oct-28 | 7     | Sovereigns               | 105.785   | 411            | 6.6            | 10.6             | B+  | NR      | BB-   |
| BHRAIN 7 01/26/26     | 24-Nov-15  | 1,125,000,000 | 26-Jan-26 | 7     | Sovereigns               | 106.253   | 386            | 6.6            | 7.9              | B+  | NR      | BB-   |
| BHRAIN 6 1/8 08/01/23 | 1-Aug-13   | 1,500,000,000 | 1-Aug-23  | 6.125 | Sovereigns               | 104.638   | 293            | 5.9            | 5.4              | B+  | NR      | BB-   |
| BHRAIN 6 1/8 07/05/22 | 5-Jul-12   | 1,500,000,000 | 5-Jul-22  | 6.125 | Sovereigns               | 104.148   | 273            | 5.9            | 4.4              | B+  | NR      | BB-   |
| BHRAIN 5 7/8 01/26/21 | 24-Nov-15  | 975,000,000   | 26-Jan-21 | 5.875 | Sovereigns               | 102.672   | 213            | 5.7            | 2.9              | B+  | NR      | BB-   |

*Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn*

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                               | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------------------|-----------|----------------|----------------|------------------|-----|---------|-------|
| NBOBOM 5 5/8 09/25/23 | 25-Sep-18  | 500,000,000   | 25-Sep-23 | 5.625 | Banks                                | 100.901   | 347            | 5.6            | 5.6              | NR  | Ba1     | NR    |
| BKMBOM 4 7/8 03/14/23 | 14-Mar-18  | 500,000,000   | 14-Mar-23 | 4.875 | Banks                                | 98.907    | 329            | 4.9            | 5.0              | NR  | Ba1     | BB+   |
| BKMBOM 3 3/4 05/03/21 | 3-May-16   | 500,000,000   | 3-May-21  | 3.75  | Banks                                | 98.720    | 245            | 3.8            | 3.2              | BB  | Ba1     | BB+   |
| OMAN 6 3/4 01/17/48   | 17-Jan-18  | 2,750,000,000 | 17-Jan-48 | 6.75  | Sovereigns                           | 85.325    | 583            | 7.9            | 29.9             | NR  | Ba1     | BB+   |
| OMAN 6 1/2 03/08/47   | 8-Mar-17   | 2,000,000,000 | 8-Mar-47  | 6.5   | Sovereigns                           | 83.313    | 577            | 7.8            | 29.0             | BB  | Ba1     | BB+   |
| OMAN 5 5/8 01/17/28   | 17-Jan-18  | 2,500,000,000 | 17-Jan-28 | 5.625 | Sovereigns                           | 91.432    | 493            | 6.2            | 9.9              | NR  | Ba1     | BB+   |
| OMAN 5 3/8 03/08/27   | 8-Mar-17   | 2,000,000,000 | 8-Mar-27  | 5.375 | Sovereigns                           | 91.225    | 484            | 5.9            | 9.0              | BB  | Ba1     | BB+   |
| OMAN 4 3/4 06/15/26   | 15-Jun-16  | 2,500,000,000 | 15-Jun-26 | 4.75  | Sovereigns                           | 90.130    | 453            | 5.3            | 8.3              | BB  | Ba1     | BB+   |
| OMAN 4 1/8 01/17/23   | 17-Jan-18  | 1,250,000,000 | 17-Jan-23 | 4.125 | Sovereigns                           | 95.563    | 356            | 4.3            | 4.9              | NR  | Ba1     | BB+   |
| OMAN 3 7/8 03/08/22   | 8-Mar-17   | 1,000,000,000 | 8-Mar-22  | 3.875 | Sovereigns                           | 96.825    | 317            | 4.0            | 4.0              | BB  | Ba1     | BB+   |
| OMAN 3 5/8 06/15/21   | 15-Jun-16  | 1,500,000,000 | 15-Jun-21 | 3.625 | Sovereigns                           | 97.593    | 287            | 3.7            | 3.3              | BB  | Ba1     | BB+   |
| OMGRID 5.196 05/16/27 | 16-May-17  | 500,000,000   | 16-May-27 | 5.196 | Utilities                            | 90.989    | 466            | 5.7            | 9.2              | NR  | Ba1     | BB+   |
| OMGRID 3.958 05/07/25 | 7-May-15   | 1,000,000,000 | 7-May-25  | 3.958 | Utilities                            | 87.807    | 452            | 4.5            | 7.2              | BB  | Ba1     | BB+   |
| OTELOM 6 5/8 04/24/28 | 24-Apr-18  | 900,000,000   | 24-Apr-28 | 6.625 | Wireless Telecommunications Services | 97.409    | 498            | 6.8            | 10.2             | NR  | Ba1     | BB+   |
| OTELOM 5 5/8 10/24/23 | 24-Apr-18  | 600,000,000   | 24-Oct-23 | 5.625 | Wireless Telecommunications Services | 101.280   | 338            | 5.6            | 5.7              | NR  | Ba1     | BB+   |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector             | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------|-----------|----------------|----------------|------------------|------|---------|-------|
| BGBKKK 3 1/8 09/14/21 | 14-Sep-16  | 500,000,000   | 14-Sep-21 | 3.125 | Banks              | 99.4775   | 140            | 3.1            | 3.5              | NR   | A3      | A+    |
| ALAHKW 3 1/2 04/05/22 | 5-Apr-17   | 500,000,000   | 5-Apr-22  | 3.5   | Banks              | 100.804   | 128            | 3.5            | 4.1              | NR   | A2      | NR    |
| NTBKKK 2 3/4 05/30/22 | 30-May-17  | 750,000,000   | 30-May-22 | 2.75  | Banks              | 99.237    | 111            | 2.8            | 4.3              | NR   | Aa3     | AA-   |
| EQPTRC 4 1/4 11/03/26 | 3-Nov-16   | 1,250,000,000 | 3-Nov-26  | 4.25  | Chemicals          | 102.470   | 183            | 4.1            | 8.7              | BBB+ | Baa2    | NR    |
| EQPTRC 3 03/03/22     | 3-Nov-16   | 1,000,000,000 | 3-Mar-22  | 3     | Chemicals          | 99.308    | 128            | 3.0            | 4.0              | BBB+ | Baa2    | NR    |
| KWIPKK 4 1/2 02/23/27 | 23-Feb-17  | 500,000,000   | 23-Feb-27 | 4.5   | Financial Services | 97.672    | 286            | 4.6            | 9.0              | BBB- | Baa3    | NR    |
| KWIPKK 5 03/15/23     | 15-Mar-16  | 500,000,000   | 15-Mar-23 | 5     | Financial Services | 104.159   | 190            | 4.8            | 5.0              | BBB- | Baa3    | NR    |
| KWIPKK 9 3/8 07/15/20 | 15-Jul-10  | 500,000,000   | 15-Jul-20 | 9.375 | Financial Services | 107.067   | 68             | 8.8            | 2.4              | BBB- | Baa3    | NR    |
| KUWIB 3 1/2 03/20/27  | 20-Mar-17  | 4,500,000,000 | 20-Mar-27 | 3.5   | Sovereigns         | 104.600   | 81             | 3.3            | 9.1              | AA   | NR      | AA    |
| KUWIB 2 3/4 03/20/22  | 20-Mar-17  | 3,500,000,000 | 20-Mar-22 | 2.75  | Sovereigns         | 100.801   | 50             | 2.7            | 4.1              | AA   | NR      | AA    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

| Security Name         | Issue Date | Amount Issued (USD) | Maturity  | Cpn  | Cpn Type   | Sector             |
|-----------------------|------------|---------------------|-----------|------|------------|--------------------|
| BGBKKK 4 1/8 12/30/21 | 30-Dec-18  | 329,625,000         | 30-Dec-21 | 4.13 | FIXED      | Banks              |
| BGBKKK 0 03/09/26     | 10-Mar-16  | 232,706,886         | 9-Mar-26  | 6.95 | FLOATING   | Banks              |
| BGBKKK 0 12/27/22     | 27-Dec-12  | 209,262,276         | 27-Dec-22 | 6.65 | FLOATING   | Banks              |
| NTBKKK 4 3/4 11/18/25 | 18-Nov-15  | 205,442,500         | 18-Nov-25 | 4.75 | FIXED      | Banks              |
| NTBKKK 0 11/18/25     | 18-Nov-15  | 205,442,500         | 18-Nov-25 | 5.50 | FLOATING   | Banks              |
| GFBKKK 0 05/30/26     | 30-May-16  | 165,334,000         | 30-May-26 | 7.00 | FLOATING   | Banks              |
| GFBKKK 6 1/2 05/30/26 | 30-May-16  | 165,334,000         | 30-May-26 | 6.50 | FIXED      | Banks              |
| BGBKKK 5.9 12/27/22   | 27-Dec-12  | 146,021,724         | 27-Dec-22 | 5.90 | STEP CPN   | Banks              |
| BGBKKK 6 03/09/26     | 10-Mar-16  | 100,207,114         | 9-Mar-26  | 6.00 | FIXED      | Banks              |
| KWIPKK 0 11/08/23     | 8-Nov-18   | 282,964,080         | 8-Nov-23  | 5.25 | FLOATING   | Financial Services |
| KWIPKK 0 12/28/24     | 28-Dec-17  | 212,046,080         | 28-Dec-24 | 5.25 | FLOATING   | Financial Services |
| KWIPKK 5 1/4 12/28/24 | 28-Dec-17  | 119,275,920         | 28-Dec-24 | 5.25 | FIXED      | Financial Services |
| GIHOKW 0 07/22/21     | 25-Apr-07  | 86,457,250          | 22-Jul-21 | 3.38 | AY-IN-KINT | Financial Services |
| KAMCOK 0 07/26/23     | 26-Jul-18  | 82,913,583          | 26-Jul-23 | 7.00 | FLOATING   | Financial Services |
| GIHOKW 7 07/22/21     | 25-Apr-07  | 69,165,800          | 22-Jul-21 | 7.00 | AY-IN-KINT | Financial Services |
| KAMCOK 6 07/26/23     | 26-Jul-18  | 49,219,617          | 26-Jul-23 | 6.00 | FIXED      | Financial Services |
| KWIPKK 5 1/2 11/08/23 | 8-Nov-18   | 46,063,920          | 8-Nov-23  | 5.50 | FIXED      | Financial Services |
| URCKK 5 3/4 04/19/23  | 19-Apr-18  | 107,172,025         | 19-Apr-23 | 5.75 | FIXED      | Real Estate        |
| URCKK 0 04/19/23      | 19-Apr-18  | 92,837,975          | 19-Apr-23 | 5.50 | FLOATING   | Real Estate        |
| KUWGB 3 09/14/22      | 20-Sep-17  | 331,824,000         | 14-Sep-22 | 3.00 | FIXED      | Sovereigns         |
| KUWGB 2 1/2 09/16/20  | 20-Sep-17  | 331,824,000         | 16-Sep-20 | 2.50 | FIXED      | Sovereigns         |

Includes KWD-denominated bonds with years to maturity >1 year

| Security Name        | Issue Date | Amount Issued (USD) | Maturity  | Cpn  | Cpn Type | Sector     |
|----------------------|------------|---------------------|-----------|------|----------|------------|
| KUWGB 2 3/4 08/21/24 | 30-Aug-17  | 331,499,000         | 21-Aug-24 | 2.75 | FIXED    | Sovereigns |
| KUWGB 2 1/2 08/19/20 | 23-Aug-17  | 331,258,000         | 19-Aug-20 | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 1/2 09/23/20 | 27-Sep-17  | 331,142,000         | 23-Sep-20 | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 1/2 08/12/20 | 16-Aug-17  | 330,896,000         | 12-Aug-20 | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 1/2 07/20/22 | 26-Jul-17  | 330,693,000         | 20-Jul-22 | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 01/19/22     | 25-Jan-17  | 327,997,000         | 19-Jan-22 | 2.00 | FIXED    | Sovereigns |
| KUWGB 2 1/4 03/30/22 | 5-Apr-17   | 327,791,000         | 30-Mar-22 | 2.25 | FIXED    | Sovereigns |
| KUWGB 2 3/4 02/16/22 | 22-Feb-17  | 327,392,000         | 16-Feb-22 | 2.75 | FIXED    | Sovereigns |
| KUWGB 1 3/4 02/12/22 | 15-Feb-17  | 327,303,000         | 12-Feb-22 | 1.75 | FIXED    | Sovereigns |
| KUWGB 3 07/19/23     | 27-Jul-16  | 165,229,500         | 19-Jul-23 | 3.00 | FIXED    | Sovereigns |
| KUWGB 2 1/2 04/21/21 | 27-Jul-16  | 165,229,500         | 21-Apr-21 | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 1/2 11/03/21 | 9-Nov-16   | 164,970,500         | 3-Nov-21  | 2.50 | FIXED    | Sovereigns |
| KUWGB 3 06/09/27     | 21-Jun-17  | 164,584,500         | 9-Jun-27  | 3.00 | FIXED    | Sovereigns |
| KUWGB 1 3/4 11/10/21 | 16-Nov-16  | 164,197,500         | 10-Nov-21 | 1.75 | FIXED    | Sovereigns |
| KUWGB 2 1/2 05/01/24 | 10-May-17  | 164,058,000         | 1-May-24  | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 12/22/21     | 28-Dec-16  | 163,188,000         | 22-Dec-21 | 2.00 | FIXED    | Sovereigns |
| KUWGB 2 1/2 10/21/20 | 30-Oct-13  | 78,948,340          | 21-Oct-20 | 2.50 | FIXED    | Sovereigns |
| KUWGB 2 3/4 01/25/23 | 6-Feb-13   | 71,000,000          | 25-Jan-23 | 2.75 | FIXED    | Sovereigns |
| KUWGB 2 3/4 08/03/22 | 15-Aug-12  | 70,763,800          | 3-Aug-22  | 2.75 | FIXED    | Sovereigns |
| KUWGB 3 1/8 05/01/24 | 14-May-14  | 35,466,700          | 1-May-24  | 3.13 | FIXED    | Sovereigns |
|                      |            |                     |           |      |          |            |

| Security Name         | Issue Date | Amount Issued | Maturity  | Cpn   | Sector                   | Mid Price | Z-Spread (Mid) | Curr Yld (Mid) | Remaining Tenure | S&P  | Moody's | Fitch |
|-----------------------|------------|---------------|-----------|-------|--------------------------|-----------|----------------|----------------|------------------|------|---------|-------|
| SABIC 4 1/2 10/10/28  | 10-Oct-18  | 1,000,000,000 | 10-Oct-28 | 4.5   | Chemicals                | 105.673   | 168            | 4.3            | 10.6             | A-   | A1      | NR    |
| SABIC 4 10/10/23      | 10-Oct-18  | 1,000,000,000 | 10-Oct-23 | 4     | Chemicals                | 102.886   | 132            | 3.9            | 5.6              | A-   | A1      | NR    |
| SABIC 2 3/4 11/20/20  | 20-Nov-13  | 1,007,887,500 | 20-Nov-20 | 2.75  | Chemicals                | 104.066   | 26             | 2.6            | 2.7              | A-   | A1      | A+    |
| ARAMCO 4 3/8 04/16/49 | 16-Apr-19  | 3,000,000,000 | 16-Apr-49 | 4.375 | Exploration & Production | 98.387    | 220            | 4.4            | 31.2             | NR   | A1      | A+    |
| ARAMCO 4 1/4 04/16/39 | 16-Apr-19  | 3,000,000,000 | 16-Apr-39 | 4.25  | Exploration & Production | 99.340    | 206            | 4.3            | 21.1             | NR   | A1      | A+    |
| ARAMCO 3 1/2 04/16/29 | 16-Apr-19  | 3,000,000,000 | 16-Apr-29 | 3.5   | Exploration & Production | 99.346    | 150            | 3.5            | 11.1             | NR   | A1      | A+    |
| ARAMCO 2 7/8 04/16/24 | 16-Apr-19  | 2,000,000,000 | 16-Apr-24 | 2.875 | Exploration & Production | 99.392    | 109            | 2.9            | 6.1              | NR   | A1      | A+    |
| ARAMCO 2 3/4 04/16/22 | 16-Apr-19  | 1,000,000,000 | 16-Apr-22 | 2.75  | Exploration & Production | 99.919    | 86             | 2.8            | 4.1              | NR   | A1      | A+    |
| INTLWT 5.95 12/15/39  | 15-May-17  | 814,000,000   | 15-Dec-39 | 5.95  | Power Generation         | 102.947   | 349            | 5.8            | 21.8             | BBB- | Baa3    | NR    |
| KSA 5 04/17/49        | 17-Apr-18  | 3,500,000,000 | 17-Apr-49 | 5     | Sovereigns               | 106.235   | 233            | 4.7            | 31.2             | NR   | A1      | A+    |
| KSA 5 1/4 01/16/50    | 16-Jan-19  | 3,500,000,000 | 16-Jan-50 | 5.25  | Sovereigns               | 110.593   | 232            | 4.7            | 31.9             | NR   | A1      | A+    |
| KSA 4 5/8 10/04/47    | 4-Oct-17   | 4,500,000,000 | 4-Oct-47  | 4.625 | Sovereigns               | 100.810   | 229            | 4.6            | 29.6             | NR   | A1      | A+    |
| KSA 4 1/2 10/26/46    | 26-Oct-16  | 6,500,000,000 | 26-Oct-46 | 4.5   | Sovereigns               | 99.445    | 225            | 4.5            | 28.7             | NR   | A1      | A+    |
| KSA 4 1/2 04/17/30    | 17-Apr-18  | 3,000,000,000 | 17-Apr-30 | 4.5   | Sovereigns               | 106.630   | 163            | 4.2            | 12.1             | NR   | A1      | A+    |
| KSA 4 3/8 04/16/29    | 16-Jan-19  | 4,000,000,000 | 16-Apr-29 | 4.375 | Sovereigns               | 105.749   | 159            | 4.1            | 11.1             | NR   | A1      | A+    |
| KSA 3 5/8 03/04/28    | 4-Oct-17   | 5,000,000,000 | 4-Mar-28  | 3.625 | Sovereigns               | 100.272   | 153            | 3.6            | 10.0             | NR   | A1      | A+    |
| KSA 3 1/4 10/26/26    | 26-Oct-16  | 5,500,000,000 | 26-Oct-26 | 3.25  | Sovereigns               | 98.722    | 144            | 3.3            | 8.7              | NR   | A1      | A+    |
| KSA 4 04/17/25        | 17-Apr-18  | 4,500,000,000 | 17-Apr-25 | 4     | Sovereigns               | 104.466   | 120            | 3.8            | 7.1              | NR   | A1      | A+    |
| KSA 2 7/8 03/04/23    | 4-Oct-17   | 3,000,000,000 | 4-Mar-23  | 2.875 | Sovereigns               | 99.949    | 96             | 2.9            | 5.0              | NR   | A1      | A+    |
| KSA 2 3/8 10/26/21    | 26-Oct-16  | 5,500,000,000 | 26-Oct-21 | 2.375 | Sovereigns               | 98.982    | 84             | 2.4            | 3.7              | NR   | A1      | A+    |
| APICOR 4 1/8 09/18/23 | 18-Sep-18  | 750,000,000   | 18-Sep-23 | 4.125 | Supranationals           | 104.216   | 116            | 4.0            | 5.6              | NR   | Aa3     | NR    |

Includes fixed coupon hard currency bonds with years to maturity >1 year, amount issued >USD 250 Mn

| Indices                       |                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------|
| Global Investment Grade Debt  | Bloomberg Barclays Global-Aggregate Total Return Index Value Unhedged USD        |
| Global High Yield             | Bloomberg Barclays Global High Yield Total Return Index Value Unhedged           |
| Global Sukuk Index            | Dow Jones Sukuk Index                                                            |
| Global Inflation-Linked Index | Bloomberg Barclays Global Inflation-Linked Total Return Index Value Unhedged USD |

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| MENA Bonds              | S&P MENA Bonds Index                                                                   |
| MENA Sukuk              | S&P MENA Sukuk Index                                                                   |
| MENA Bonds & Sukuk      | S&P MENA Bonds & Sukuk Index                                                           |
| EM USD Agg TRI          | Bloomberg Barclays EM USD Aggregate Total Return Index Value Unhedged                  |
| EM GCC USD Sukuk TRI    | Bloomberg Barclays EM GCC USD Sukuk Total Return Index Hedged USD                      |
| GCC Credit + HY USD TRI | Bloomberg Barclays GCC Credit + High Yield Index Total Return Index Value Unhedged USD |

|                    |                                                  |
|--------------------|--------------------------------------------------|
| GCC USD Credit     | Bloomberg Barclays GCC USD Credit Average OAS    |
| EM USD Aggregate   | Bloomberg Barclays EM USD Aggregate Average OAS  |
| US Agg Govt/Credit | Bloomberg Barclays US Agg Govt/Credit Avg OAS    |
| Global Agg Credit  | Bloomberg Barclays Global Agg Credit Average OAS |

|                       |                                                    |
|-----------------------|----------------------------------------------------|
| LIBOR 3M              | ICE LIBOR USD 3 Month                              |
| Bahrain BHIBOR 3M ASK | Central Bank of Bahrain 3 Month BHIBOR Rate - ASK  |
| Kuwait 3M             | Kuwait Central Bank 3M Offer Rate                  |
| Oman NBO OMR 3M       | Nat Bank Oman Omani Riyal Interbank Offer Rate 3M  |
| Qatar QIBOR 3M        | Qatar Central Bank QIBOR Fixing 3 Month Rate       |
| Saudi Arabia 3M       | Saudi Riyal Interbank Average Offered Rate 3 Month |
| UAE 3M Ask            | Emirates Interbank Offer Rate 3 Month Ask          |

| Acronyms |                      |
|----------|----------------------|
| BH       | Bahrain              |
| KW       | Kuwait               |
| OM       | Oman                 |
| QA       | Qatar                |
| SA       | Saudi Arabia         |
| AE       | United Arab Emirates |



## Investment Research Team

---

### **Faisal Hasan, CFA**

Head - Investment Research  
+(965) 2233 6907  
faisal.hasan@kamconline.com

### **Junaid Ansari**

Vice President  
+(965) 2233 6912  
junaid.ansari@kamconline.com

### **Investment Research Department**

kamcoird@kamconline.com

# DISCLAIMER & IMPORTANT DISCLOSURES

KAMCO is authorized and fully regulated by the Capital Markets Authority ("CMA, Kuwait") and partially regulated by the Central Bank of Kuwait ("CBK").

This document is provided for informational purposes only. Nothing contained in this document constitutes investment, an offer to invest, legal, tax or other advice or guidance and should be disregarded when considering or making investment decisions. In preparing this document, KAMCO did not take into account the investment objectives, financial situation and particular needs of any particular person. Accordingly, before acting on this document, investors should independently evaluate the investments and strategies referred to herein and make their own determination of whether it is appropriate in light of their own financial circumstances and objectives. The entire content of this document is subject to copyright with all rights reserved. This research and the information contained herein may not be reproduced, distributed or transmitted in Kuwait or in any other jurisdiction to any other person or incorporated in any way into another document or other material without our prior written consent.

## Analyst Certification

Each of the analysts identified in this report certifies, with respect to the sector, companies or securities that the individual analyses, that (1) the views expressed in this report reflect his or her personal views about all of the subject companies and securities and (2) no part of his or her compensation was, is or will be directly or indirectly dependent on the specific recommendations or views expressed in this report.

## KAMCO Ratings

KAMCO investment research is based on the analysis of regional and country economics, industries and company fundamentals. KAMCO company research reflects a long-term (12-month) target price for a company or stock. The ratings bands are:

- **Outperform:** Target Price represents expected returns  $\geq 10\%$  in the next 12 months
- **Neutral:** Target Price represents expected returns between  $-10\%$  and  $+10\%$  in the next 12 months
- **Underperform:** Target Price represents an expected return of  $< -10\%$  in the next 12 months

In certain circumstances, ratings may differ from those implied by a fair value target using the criteria above. KAMCO policy is to maintain up-to-date fair value targets on the companies under its coverage, reflecting any material changes to the analyst's outlook on a company. Share price volatility may cause a stock to move outside the rating range implied by KAMCO's fair value target. Analysts may not necessarily change their ratings if this happens, but are expected to disclose the rationale behind their view to KAMCO clients.

Any terms and conditions proposed by you which are in addition to or which conflict with this Disclaimer are expressly rejected by KAMCO and shall be of no force or effect. The information contained in this document is based on current trade, statistical and other public information we consider reliable. We do not represent or warrant that such information is fair, accurate or complete and it should not be relied upon as such. KAMCO has no obligation to update, modify or amend this document or to otherwise notify a recipient thereof in the event that any opinion, forecast or estimate set forth herein, changes or subsequently becomes inaccurate. The publication is provided for informational uses only and is not intended for trading purposes. The information on publications does not give rise to any legally binding obligation and/or agreement, including without limitation any obligation to update such information. You shall be responsible for conducting your own investigation and analysis of the information contained or referred to in this document and of evaluating the merits and risks involved in the securities forming the subject matter of this or other such document. Moreover, the provision of certain data/information in the publication may be subject to the terms and conditions of other agreements to which KAMCO is a party.

Nothing in this document should be construed as a solicitation or offer, or recommendation, to acquire or dispose of any investment or to engage in any other transaction, or to provide any investment advice or service. This document is directed at Professional Clients and not Retail Clients within the meaning of CMA rules. Any other persons in receipt of this document must not rely upon or otherwise act upon it. Entities and individuals into whose possession this document comes are required to inform themselves about, and observe such restrictions and should not rely upon or otherwise act upon this document where it is unlawful to make to such person such an offer or invitation or recommendation without compliance with any authorization, registration or other legal requirements.

\*KAMCO Investment Company (DIFC) Limited ("KAMCO DIFC"), Office 205, Level 2, Gate Village 1, Dubai International Financial Centre, a wholly owned subsidiary of KAMCO Investment Company KSC (Public), is regulated by the Dubai Financial Services Authority (DFSA). KAMCO DIFC may only undertake the financial services activities that fall within the scope of its existing DFSA licence. The information in this document may be distributed by KAMCO DIFC on behalf of KAMCO Investment Company KSC (Public). This document is intended for Professional Clients or Market Counterparties only as defined by the DFSA, and no other person should act upon it.

## Risk Warnings

Any prices, valuations or forecasts are indicative and are not intended to predict actual results, which may differ substantially from those reflected. The value of an investment may go up as well as down. The value of and income from any investment may fluctuate from day to day as a result of changes in relevant economic markets (including, without limitation, foreseeable or unforeseeable changes in interest rates, foreign exchange rates, default rates, prepayment rates, political or financial conditions, etc.).

Past performance is not indicative of future results. Any opinions, estimates, valuations or projections (target prices and ratings in particular) are inherently imprecise and a matter of judgment. They are statements of opinion and not of fact, based on current expectations, estimates and projections, and rely on beliefs and assumptions. Actual outcomes and returns may differ materially from what is expressed or forecasted. There are no guarantees of future performance. Certain transactions, including those involving futures, options, and other derivatives, give rise to substantial risk and are not suitable for all investors. This document does not propose to identify or to suggest all of the risks (direct or indirect) which may be associated with the investments and strategies referred to herein.

## Conflict of Interest

KAMCO and its affiliates provide full investment banking services, and they and their directors, officers and employees, may take positions which conflict with the views expressed in this document. Salespeople, traders, and other professionals of KAMCO may provide oral or written market commentary or trading strategies to our clients and our proprietary trading desks that reflect opinions that are contrary to the opinions expressed in this document. Our asset management area, our proprietary trading desks and investing businesses may make investment decisions that are inconsistent with the recommendations or views expressed in this document. KAMCO may have or seek investment banking or other business relationships for which it will receive compensation from the companies that are the subject of this document. Facts and views presented in this document have not been reviewed by, and may not reflect information known to, professionals in other KAMCO business areas, including investment banking personnel. United Gulf Bank, Bahrain owns majority of KAMCO's shareholding and this ownership may create, or may create the appearance of, conflicts of interest.

## No Liability & Warranty

KAMCO makes neither implied nor expressed representations or warranties and, to the fullest extent permitted by applicable law, we hereby expressly disclaim any and all express, implied and statutory representations and warranties of any kind, including, without limitation, any warranty as to accuracy, timeliness, completeness, and fitness for a particular purpose and/or non-infringement. KAMCO will accept no liability in any event including (without limitation) your reliance on the information contained in this document, any negligence for any damages or loss of any kind, including (without limitation) direct, indirect, incidental, special or consequential damages, expenses or losses arising out of, or in connection with your use or inability to use this document, or in connection with any error, omission, defect, computer virus or system failure, or loss of any profit, goodwill or reputation, even if expressly advised of the possibility of such loss or damages, arising out of or in connection with your use of this document. We do not exclude our duties or liabilities under binding applicable law.

**KAMCO Investment Company**

**شركة كامكو للاستثمار ش.م.ك (عامة)**

**P.O. Box** 28873, Safat 13149 State of Kuwait

**ص.ب.** 28873 الصفاة 13149 الكويت

**Website:**

[www.kamconline.com](http://www.kamconline.com)

**موقعنا عبر الانترنت:**

**For more details:**

**(+965) 2233 6698**

**لمزيد من المعلومات:**

[WealthManagement@kamconline.com](mailto:WealthManagement@kamconline.com)