# DEBT AND DEBT MARKETS <br> A Quarterly Bulletin of the Ministry of Finance Issue No. 43, Quarter IV 2017 

REPUBLIC OF LEBANON MINISTRY OF FINANCE
HIGHLIGHTS ..... 1
KEY COST AND RISK INDICATORS ..... 1
SOVEREIGN RATINGS ..... 1
INTEREST RATES \& COST ..... 2
OVERALL DEBT DATA ..... 3
AMORTIZATION PROFILE ..... 4
DOMESTIC CURRENCY DEBT DATA ..... 5
FOREIGN CURRENCY DEBT DATA ..... 7

## HIGHLIGHTS

- At end-QIV 2017, gross public debt stood at LL 119,898 billion (US\$ 79.5 billion), a 6.2 percent increase compared to end-2016.
- Net public debt registered LL 104,522 billion (US\$ 69.3 billion) at end- QIV 2017, an increase of 6.0 percent from the end-2016 level.
- Domestic currency debt reached LL 74,077 billion at end- QIV 2017, an increase of 5.0 percent compared to end2016.
- On 30 November and 14 December 2017, and following an agreement between the Ministry of Finance and BdL, the Ministry of Finance issued respectively LL 1,500 billion 2-year Tbond at $1 \%$ coupon instead of $5.84 \%$ and LL 1,500 billion 3-year Tbond at $1 \%$ coupon instead of $6.50 \%$.
- Foreign currency debt totaled LL 45,821 billion (US\$ 30.4 billion) at the end- QIV 2017, an 8.1 percent increase from the end-2016 level.
- On 20 November 2017 the Lebanese Ministry of Finance (MoF) conducted a "Debt Replacement Agreement" with the Central Bank (BdL), whereby MoF issued to BDL US\$ 1.7 billion in Eurobonds and BDL redeemed to MoF Treasury bonds in Lebanese Pounds. The 2 series consisted of a US $\$ 700$ million 7.0 percent coupon Eurobond due March 2028 (Series 86) and a US\$ 1,000 million 7.15 percent coupon Eurobond due November 2031 (Series 87).

| KEY COST AND RISK INDICATORS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | QIV 2017 Debt Data |  |  | Debt Portfolio Indicators |  |  |
| As end December 2017 | Total LBP billions | Total USD billions | \% Change end 2016 end 2017 | Currency Risk | ATM of bills and bonds | Weighted Avg Interest Rate |
| Gross Government Debt | 119,898 | 79.5 | 6.2\% |  |  |  |
| DX | 74,077 | 49.1 | 5.0\% | 61.78\% | 3.84 yr | 6.70\% |
| $F X$ | 45,821 | 30.4 | 8.1\% | 38.22\% | 7.34 yr | 6.23\% |
| Net Government Debt | 104,522 | 69.3 | 6.0\% |  |  |  |

## SOVEREIGN RATINGS

| Lebanon Sovereign Debt Rating (as of March 15th, 2018) |  |  |  |
| :---: | :---: | :---: | :---: |
| Agency | Long - term tenor rating | Short - term tenor rating | Outlook |
| Fitch Ratings* | B- | B | Stable |
| Moody's Investor Services Ltd ** | B3 | - | Stable |
| Standard and Poor's *** | B- | B | Stable |

*Fitch Ratings affirmed its ratings and maintained the Stable outlook on 01 February 2018
** Moody's Investors Services downgraded Lebanon's bond rating from B2 to B3 and revised the outlook from negative to stable on 25 August 2017
*** Standard and Poor's affirmed its rating and keeping the outlook of Lebanon stable on 02 March 2018

INTEREST RATES \& COST
Governement DX \& FX T-Bills and T-Bonds Yield Curve as at 15 March 2018


Source: MOF, Reuters
During QIV 2017, primary market rates on DX Treasury bills and bonds issued remained unchanged compared to end 2016 levels. Eurobonds secondary levels as at 15 March 2018 have narrowed by 92 bps on average from the 20 November 2017 levels quoted in the QIII 2017 Debt \& Debt Markets report.

## Interest Payments

As end of Period


Source: MOF

## OVERALL DEBT DATA

Historical Debt Evolution


Source: MOF, BDL
Notes:
1- Debt data may be subject to slight modification due to the revision of the Debt Management and Financial Analysis System (DMFAS).
2- GDP 2006-2015: Lebanese National Accounts - CAS revised estimates - Comments and Tables 2004-2015. Published in April 2017.
3- GDP 2016 using the IMF growth rate and deflator published on WEO - October 2017.
Public Debt Table ${ }^{(1)}$ (as of end-December 2017)

| Public Debt (in LL billion) | Dec-10 | Dec-11 | Dec-12 | Dec-13 | Dec-14 | Dec-15 | Dec-16 | Dec-17 | Change <br> Dec 17 - <br> Dec 16 | \% Change Dec 17 Dec 16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Public Debt ( $\mathrm{A}+\mathrm{B}$ ) | 79,325 | 80,937 | 86,974 | 95,712 | 100,364 | 106,031 | 112,910 | 119,898 | 6,988 | 6.2\% |
| A. Local currency debt | 48,255 | 49,340 | 50,198 | 56,312 | 61,752 | 65,195 | 70,528 | 74,077 | 3,549 | 5.0\% |
| 1. Central Bank | 13,130 | 15,974 | 14,649 | 16,761 | 19,454 | 23,907 | 30,150 | 35,580 | 5,430 | 18.0\% |
| 2. Commercial Banks (including REPOs) | 27,214 | 25,577 | 27,667 | 30,315 | 31,869 | 30,279 | 29,581 | 27,756 | $(1,825)$ | -6.2\% |
| 3. Other local debt (T-bills) | 7,911 | 7,789 | 7,882 | 9,236 | 10,429 | 11,009 | 10,797 | 10,741 | (56) | -0.5\% |
| o/w Public entities | 6,268 | 6,538 | 6,479 | 7,117 | 7,701 | 8,461 | 8,718 | 8,941 | 223 | 2.6\% |
| o/w Contractor bonds | - | 41 | 134 | 134 | 180 | 180 | 139 | 166 | 27 | 19.4\% |
| *Accrued interest included in debt | 867 | 788 | 789 | 877 | 1,029 | 997 | 1,098 | 1,159 | 61 | 5.6\% |
| B. Foreign currency debt | 31,070 | 31,597 | 36,776 | 39,400 | 38,612 | 40,836 | 42,382 | 45,821 | 3,439 | 8.1\% |
| 4. Eurobonds | 26,738 | 27,490 | 32,789 | 35,533 | 34,850 | 37,561 | 39,240 | 42,339 | 3,099 | 7.9\% |
| Of which, Paris II at preferential rates ${ }^{(2)}$ | 3,677 | 3,161 | 2,646 | 2,130 | 1,615 | 1,099 | 583 | 68 | (516) | -88.4\% |
| Of which, Paris III at preferential rates ${ }^{(3)}$ | 709 | 663 | 317 | 271 | 226 | 181 | 136 | - | (136) | -100.0\% |
| Of which, market-issued Eurobonds | 21,870 | 23,258 | 29,427 | 32,688 | 32,584 | 35,846 | 38,063 | 41,791 | 3,728 | 9.8\% |
| * Accrued Interest on Eurobonds | 483 | 407 | 400 | 444 | 425 | 435 | 458 | 480 | 22 | 4.8\% |
| 5. Loans | 4,265 | 4,033 | 3,884 | 3,738 | 3,648 | 3,207 | 3,079 | 3,449 | 370 | 12.0\% |
| 5.1 Paris II loans | 460 | 351 | 279 | 208 | 128 | 83 | 48 | 18 | (30) | -62.5\% |
| 5.2 Paris III loans ${ }^{(4)}$ | 1,147 | 1,060 | 997 | 915 | 760 | 629 | 525 | 452 | (73) | -13.8\% |
| 5.3 Bilateral loans (non-Paris II and III) | 736 | 787 | 841 | 827 | 1,200 | 1,054 | 953 | 934 | (20) | -2.0\% |
| 5.4 Multilateral loans (non-Paris II and III) | 1,898 | 1,816 | 1,753 | 1,694 | 1,506 | 1,417 | 1,494 | 1,961 | 467 | 31.3\% |
| 5.5 Foreign Private Sector Loans | 24 | 18 | 14 | 94 | 54 | 24 | 59 | 84 | 25 | 42.4\% |
| 6. Other debt | 67 | 74 | 103 | 129 | 114 | 68 | 63 | 33 | (30) | -47.6\% |
| 6.1 Special Tbls in Foreign currency ${ }^{(5)}$ | 67 | 74 | 103 | 129 | 114 | 68 | 63 | 33 | (30) | -47.6\% |
| Public sector deposits | 11,419 | 10,984 | 12,916 | 15,495 | 13,965 | 13,227 | 14,268 | 15,376 | 1,108 | 7.8\% |
| Net debt | 67,906 | 69,953 | 74,058 | 80,217 | 86,399 | 92,804 | 98,642 | 104,522 | 5,880 | 6.0\% |
| Gross Market debt ${ }^{(6)}$ | 51,301 | 50,585 | 59,014 | 65,789 | 67,774 | 69,200 | 70,303 | 71,944 | 1,641 | 2.3\% |
| \% of total debt | 64.7\% | 62.5\% | 67.9\% | 68.7\% | 67.5\% | 65.3\% | 62.3\% | 60.0\% | -2.3\% | -3.6\% |

Source: MOF, BDL
Notes:
${ }^{(1)}$ Due to revisions in the Debt Management and Financial Analysis System (DMFAS):
1- Debt data for December 2010 to December 2016 may be subject to slight modification.
${ }^{(2)}$ Paris II related Eurobonds including the outstanding of the Eurobond orginally issued at USD 1,870 billion to BDL in the context of Paris II conference.
${ }^{(3)}$ Issued to Malaysia as part of its Paris III contribution.
${ }^{(4)}$ IBRD loan, UAE loan and French loan of which the first tranche was received in February 2008 and the second tranche in September 2012
${ }^{(5)}$ Special Tbs in Foreign currency (expropriation and contractor bonds).
${ }^{(6)}$ Gross market debt equals gross debt less the portfolios of the BDL, Public Entities, bilateral and multilateral loans, Paris II and Paris III related debt.

Aggregate Debt Amortization
(as of end-December 2017)


Foreign Currency Debt
(Eurobonds -Loans)


Source: MOF, BDL
Note : The data used for the amortization schedule is based on outstanding and not on committed amounts.

## DOMESTIC CURRENCY DEBT DATA

Outstanding Domestic T-bills and Bonds by Tenor Type (as of end-period)


| 15 YR bonds | $\square 12$ YR bonds |
| :---: | :---: |
| - 10 YR bonds | - 8 YR bonds |
| $\square 7$ YR bonds | - 5 YR bonds |
| - 3 YR bonds <br> ■ Short term bills ( $12 \mathrm{MN}, 6 \mathrm{MN}, 3 \mathrm{MN}$ TBs) | - 2 YR bonds |

Source: MOF
Notes:
1- Only treasury bills with maturities less than 24 months are issued at a discount to their face value.
2- The 5 YR bonds figure includes LL 166 billion contractor bonds issued in Jan 2014, Nov 2014, Jul 2016 and Jun 2017.
Outstanding Domestic T-bills and Bonds by Investor Type


Notes: Central Bank figures include the amounts of repurchase agreements.

## DOMESTIC CURRENCY DEBT DATA

## T-Bills and Bonds Subscription Results— QIV 2017

## Weekly Issued Amounts

| Date | Categories |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nominal Value - LBP Billions |  |  |  |  |  |  |  |  |
|  | 3 Mn | 6 Mn | 12 Mn | 2 Yr | 3 Yr | 5 Yr | 7 Yr | 10 Yr | Total |
| Ql-2017 | 389 | 377 | 350 | 938 | 868 | 2,550 | 499 | 773 | 6,745 |
| Qll-2017 | 253 | 264 | 425 | 633 | 442 | 606 | 346 | 691 | 3,661 |
| QIII-2017 | 648 | 673 | 539 | 1,103 | 1,091 | 782 | 721 | 1,382 | 6,939 |
| 05-10-17 | 20 | - | 132 | - | - | 401 | - | - | 553 |
| 12-10-17 | - | 82 | - | - | 521 | - | 350 | - | 954 |
| 19-10-17 | 20 | - | 132 | - | - | 401 | - | - | 553 |
| 26-10-17 | - | 83 | - | 401 | - | - | - | 481 | 965 |
| 02-11-17 | 20 | - | 132 | - | - | 401 | - | - | 553 |
| 09-11-17 | - | 26 | - | - | 400 | - | 201 | - | 627 |
| 16-11-17 | 9 | - | 48 | - | - | 100 | - | - | 157 |
| 23-11-17 | - | 21 | - | 65 | - | - | - | 451 | 537 |
| 30-11-17 | 20 | - | 105 | 1,500 | - | 100 | - | - | 1726 |
| 07-12-17 | - | 21 | - | - | 401 | - | 185 | - | 607 |
| 14-12-17 | 20 | - | 106 | - | 1,500 | 100 | - | - | 1726 |
| 21-12-17 | - | 21 | - | 66 | - | - | - | 601 | 688 |
| 28-12-17 | 20 | - | 105 | - | - | 100 | - | - | 226 |
| Total QIV | 130 | 253 | 760 | 2,032 | 2,823 | 1,603 | 737 | 1,533 | 9,872 |
| Grand Total | 1,421 | 1,567 | 2,073 | 4,706 | 5,225 | 5,542 | 2,303 | 4,379 | 27,216 |

On yearly basis the largest subscriber in DX Treasury bills and bonds were the banks reaching 42.6 percent of the total subscriptions. BdL share stood at 36.8 percent and the Public institutions share amounted to 17.3 percent of total year subscriptions.

## QIV 2017 Subscription Results by Holder



Year 2017 Subscription Results by Holder


Domestic Treasury Bills \& Bonds Auction Calendar QII 2018

|  | April |  |  |  |  | May |  |  |  | June |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Auction Date | 1 | 8 | 15 | 22 | 29 | 5 | 12 | 19 | 26 | 5 | 12 | 19 | 26 |  |
| Issue Date | 4 | 11 | 18 | 25 | 01-Feb | 8 | 15 | 22 | 43160 | 8 | 15 | 22 | 29 | Frequency |
| 3 M | x |  | x |  | x |  | x |  | x |  | x |  | x | 7 |
| 6 M |  | x |  | x |  | x |  | x |  | x |  | x |  | 6 |
| 12 M | x |  | x |  | x |  | x |  | x |  | x |  | x | 7 |
| 2 Y |  | x |  |  |  | x |  |  |  | x |  |  |  | 3 |
| 3 Y |  |  |  | x |  |  |  | x |  |  |  | x |  | 3 |
| 5 Y | x |  | x |  | x |  | x |  | x |  | x |  | x | 7 |
| 7 Y |  |  |  | x |  |  |  | x |  |  |  | x |  | 3 |
| 10 Y |  | x |  |  |  | x |  |  |  | x |  |  |  | 3 |

*Auctions falling on holidays will be rescheduled accordingly.

## Bilateral and Multilateral Loans

 (as of end-December 2017)

Source: MOF

The gross outstanding debt comprises less than 3\% of loans in foreign currency amounting to LBP 3,449 billion, which is mostly for project financing.

Yields for Republic of Lebanon Eurobonds and Comparables (as of 15 March 2018)


[^0]
## FOREIGN CURRENCY DEBT DATA

Marketable Eurobonds end December 2017

| Lebanon Secondary Trading Levels |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mat. Date dd/mm/yy | Outstanding Amount (in original cur) | Bid Price | Ask Price | Mid Yield | Mid Zspread | Change Mid Z. spread (QIV 2017-QIII 2017) |
| EURO |  |  |  |  |  |  |  |
| LEB 5.35 | 28/11/2018 | 445,000,000 | 101.00 | 102.00 | 3.62 | 388 | 54 |
| US DOLLARS |  |  |  |  |  |  |  |
| LEB 5.15 | 12/06/2018 | 700,000,000 | 99.88 | 100.38 | 4.85 | 311 | 20 |
| LEB 5.15 | 12/11/2018 | 1,025,000,000 | 99.63 | 100.13 | 5.29 | 343 | 34 |
| LEB 5.5 | 23/04/2019 | 500,000,000 | 99.75 | 100.50 | 5.39 | 344 | 11 |
| LEB 6 | 20/05/2019 | 650,000,000 | 100.38 | 101.13 | 5.42 | 345 | 10 |
| LEB 5.45 | 28/11/2019 | 1,500,000,000 | 99.38 | 100.13 | 5.59 | 353 | -4 |
| LEB 6.375 | 09/03/2020 | 1,200,000,000 | 100.13 | 100.88 | 6.12 | 404 | 45 |
| LEB 5.8 | 14/04/2020 | 700,000,000 | 98.63 | 99.38 | 6.27 | 418 | 39 |
| LEB 6.15 | 19/06/2020 | 600,000,000 | 99.25 | 100.00 | 6.32 | 421 | 43 |
| LEB 8.25 | 12/04/2021 | 2,092,469,000 | 104.63 | 105.63 | 6.48 | 432 | 51 |
| LEB 6.25 | 27/05/2022 | 500,000,000 | 97.88 | 98.88 | 6.68 | 447 | 27 |
| LEB 6.1 | 04/10/2022 | 1,540,000,000 | 97.25 | 98.25 | 6.66 | 443 | 35 |
| LEB 6 | 27/01/2023 | 1,100,000,000 | 95.88 | 96.88 | 6.86 | 462 | 38 |
| LEB 6.4 | 26/05/2023 | 500,000,000 | 97.00 | 98.00 | 6.96 | 472 | 34 |
| LEB 6.65 | 22/04/2024 | 700,000,000 | 97.75 | 98.75 | 7.00 | 472 | 23 |
| LEB 6.25 | 04/11/2024 | 538,467,000 | 95.25 | 96.25 | 7.04 | 475 | 31 |
| LEB 7 | 03/12/2024 | 250,000,000 | 99.00 | 100.00 | 7.09 | 480 | 32 |
| LEB 6.2 | 26/02/2025 | 800,000,000 | 94.38 | 95.38 | 7.13 | 483 | 35 |
| LEB 6.25 | 12/06/2025 | 800,000,000 | 94.38 | 95.38 | 7.15 | 484 | 35 |
| LEB 6.6 | 27/11/2026 | 1,600,000,000 | 95.25 | 96.25 | 7.26 | 491 | 30 |
| LEB 6.85 | 23/03/2027 | 1,250,000,000 | 96.75 | 97.75 | 7.26 | 491 | 27 |
| LEB 6.75 | 29/11/2027 | 1,000,000,000 | 95.50 | 96.50 | 7.32 | 496 | 32 |
| LEB 6.65 | 03/11/2028 | 893,197,000 | 93.75 | 94.75 | 7.43 | 504 | 34 |
| LEB 6.85 | 25/05/2029 | 1,000,000,000 | 94.38 | 95.38 | 7.53 | 513 | 45 |
| LEB 6.65 | 26/02/2030 | 1,400,000,000 | 92.25 | 93.25 | 7.57 | 516 | 49 |
| LEB 7 | 22/04/2031 | 300,000,000 | 94.50 | 95.50 | 7.60 | 518 | 38 |
| LEB 7 | 23/03/2032 | 1,000,000,000 | 93.75 | 94.75 | 7.67 | 523 | 39 |
| LEB 7.05 | 02/11/2035 | 600,000,000 | 93.00 | 94.00 | 7.73 | 526 | 36 |
| LEB 7.25 | 23/03/2037 | 750,000,000 | 93.13 | 94.13 | 7.90 | 543 | 34 |
| LEB 7** | 20/03/2028 | 700,000,000 | N/A | N/A | N/A | N/A | N/A |
| LEB 7.15* | 20/11/2031 | 1,000,000,000 | N/A | N/A | N/A | N/A | N/A |

Source: $D B$
${ }^{\text {B }}$ Eurobonds issued as part of a Debt Replacement Agreement between the Ministry of Finance and Banque du Liban.

## Non Marketable Eurobonds issued in the Context of Paris II \& III

$\left.\begin{array}{|ccccccc}\hline \text { List of Outstanding Eurobonds } \\ \text { (values as of December 31, 2017) }\end{array}\right]$

## EUROBONDS ISSUED IN THE CONTEXT OF PARIS II

| XS0164502352 | USD 700 MN - Mar 2018 | $35,000,000$ | 1 | USD | $5.000 \%$ | $03 / 07 / 18$ | 0.16 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| XS0169203048 | USD 200 MN - May 2018 | $10,000,000$ | 1 | USD | $5.000 \%$ | $05 / 27 / 18$ | 0.33 |

Eurobonds issued in the context of the Paris II conference are redeemable in 20 equal semiannual payments starting from year 6 (grace period of 5 years from issue date).
Note : Eurobonds issued in the context of the Paris II conference have been fully amortized.
For further information, please contact:
Ministry of Finance-Public Debt Directorate / Tel: 961 1956000 ext: 1555/1520 Fax: 9611983268 Email: PDD@finance.gov.lb / Website: http://www.finance.gov.lb


[^0]:    Source: DB, MOF

