# CENTRAL GOVERNMENT DEBT AND GUARANTEES



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Abreviations used:

GDP - Gross Domestic Product;

GS - Government Securities;

EBRD – European Bank for Reconstruction and Development;

EIB - European Investment Bank;

SBL - State Budget Law;

SDCLL - Student and Doctoral-Candidate Loans Law;

ZUNK – Bulgarian Abbreviation of the Law on Settlement of Non-performing

Credits Negotiated prior to 31 December 1990 (LSNC);

IMF – International Monetary Fund

ICM – International Capital Markets;

MF - Ministry of Finance;

JBIC - Japan Bank for International Cooperation;

GMTN Programme – Global Medium Term Note (Bonds) Programme

## 1. Structure and Dynamics of Central Government Debt

By end-August 2018 central government debt1 totalled EUR 12,083.6 million in nominal terms, including domestic debt of EUR 2,958.7 million and external debt of EUR 9,124.9 million.

| Central Government Debt Amount, million EUR                      |                     |                     |                     |                     |                     |  |  |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|--|--|
| Structure  | as of<br>31.12.2017 | as of<br>31.03.2018 | as of<br>30.06.2018 | as of<br>31.07.2018 | as of<br>31.08.2018 |  |  |
| Domestic debt  | 3,475.9             | 2,949.7             | 2,949.3             | 2,957,8             | 2,958.7             |  |  |
| I. GS issued for financing the budget                            | 3,368.8             | 2,850.7             | 2,850.7             | 2,850,7             | 2,850.7             |  |  |
| 1. Treasury bills  | 0.0                 | 0.0                 | 0.0                 | 0.0                 | 0.0                 |  |  |
| 2. Treasury bonds  | 3,368.8             | 2,850.7             | 2,850.7             | 2,850.7             | 2,850.7             |  |  |
| II. Government securities issued for structural reform           | 29.8                | 14.8                | 15.2                | 15.1                | 15.2                |  |  |
| III. Domestic loans of units within subsector Central Government | 77.4                | 84.2                | 83.5                | 92.0                | 92.8                |  |  |
| External Debt  | 9,198.3             | 9,180.9             | 9,123.6             | 9,122.7             | 9,124.9             |  |  |
| I. Bonds issued in ICM   | 6,637.0             | 6,637.0             | 6,637.0             | 6,637.0             | 6,637.0             |  |  |
| II. Loans  | 2,561.9             | 2,543.9             | 2,486.6             | 2,485.7             | 2,487.9             |  |  |
| 1. Government Loans  | 960.2               | 950.2               | 918.1               | 918.1               | 918.1               |  |  |
| 1.1 Paris Club   | 12.6                | 6.3                 | 6.3                 | 6.3                 | 6.3                 |  |  |
| 1.2. World Bank  | 351.9               | 341.8               | 317.5               | 317.5               | 317.5               |  |  |
| 1.3. European Union  | 595.7               | 595.7               | 594.3               | 594.3               | 594.3               |  |  |
| 2. Other Government Loans  | 290.0               | 290.0               | 290.0               | 290.0               | 290.0               |  |  |
| 2.1. Schuldschein transferable loans                             | 290.0               | 290.0               | 290.0               | 290.0               | 290.0               |  |  |
| 3. Government investment loans                                   | 713.9               | 708.5               | 677.8               | 677.0               | 679.3               |  |  |
| 4.External loans of units within subsector Central Government    | 597.1               | 601.5               | 600.6               | 600.6               | 600.5               |  |  |
| Central Government debt, total                                   | 12,674.3            | 12,130.6            | 12,072.9            | 12,080.5            | 12,083.6            |  |  |
| Total Centrral government debt/GDP (%)                           | 25.1                | 22.7                | 22.6                | 22.6                | 22.6                |  |  |
| Domestic central government debt/GDP (%)                         | 6.9                 | 5.5                 | 5.5                 | 5.5                 | 5.5                 |  |  |
| External central government debt/GDP (%)                         | 18.2                | 17.2                | 17.1                | 17.1                | 17.1                |  |  |

- 1. Debt at nominal value.
  2. GDP projection for 2017 (BGN 98,631 million) and for 2018 (BGN 104,674 milion) are used in calculations.
- 3. Debt in euro is recalculated based on end-of-period BNB central exchange rates of the relevant currencies against the Bulgarian lev.
- 5. The data are consolidated within the subsector Central Government, liabilities in the form of debt instruments that are assets for units included in the
- subsector are eliminated /assets as of 31.08.2018 in the amount of EUR 21.6 mln/.
  6. Information about the size, structure and dynamics of government and government guaranteed debt /issued pursuant to the Government Debt Law/ and published until May 2016 in the bulletin "Government debt" is contained in the application on p.13.

<sup>1&</sup>quot;Central Government debt" means the debt of the central government according to the Council Regulation (EC) № 479/2009 of 25 May 2009 on the application of the Protocol on the excessive deficit procedure annexed to the Treaty establishing the European Community.

#### Dynamics of Domestic and External Central Government Debt

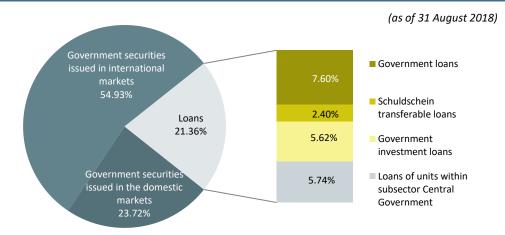


By end-August the central government debt to GDP ratio came to 22.6%. Ratios of domestic and external central government debts accounted for 5.5 and 17.1 per cent, respectively.

In the structure of the debt by instrument as of the end of the period Eurobonds issued in international capital markets continued to comprise the largest share (54.9%), followed by GS issued in the domestic market (23.7%) and loans (21.4%).

(as of 31 August 2018)

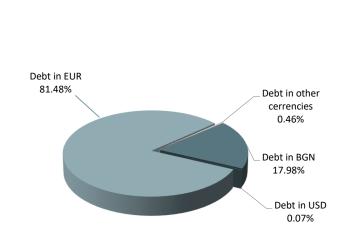
#### Structure of Central Government Debt by Instrument

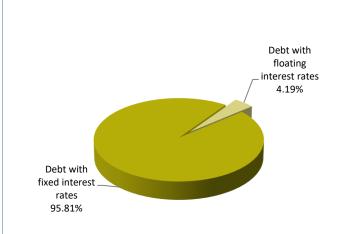


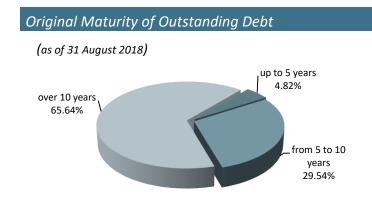
(as of 31 August 2018)

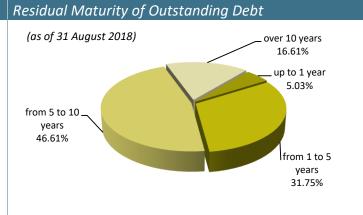
#### Central Government Debt Currency Structure

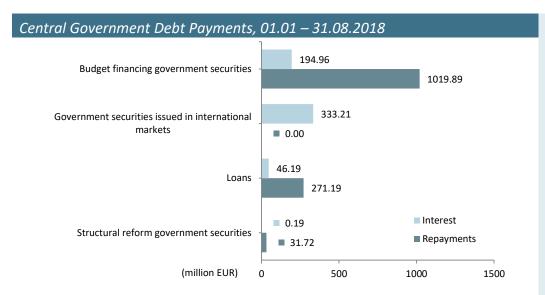
#### Central Government Debt Interest Rate Structure









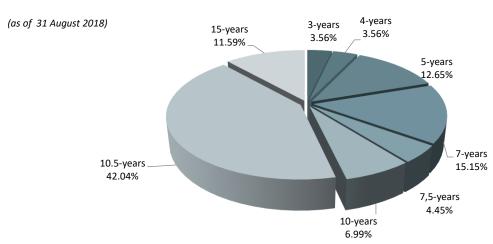


Central government debt payments at the end of August 2018 amounted to BGN 1,897.3 million, of which BGN 1,322.8 million repayments and BGN 574.6 million interests. Dominating were the repayments on government securities issued at the domestic market and interest payments on government securities issued in international markets.

### 2. Government Securities Issues

No auctions were held in August 2018.





#### Outstanding Government Securities Issues as of 31.08.2018

| GS by<br>maturity | ISIN of the issue | Currency | Date of issuing | Maturity<br>date | Nominal value<br>of the offer<br>(thousand) | Total nominal value of the bids received (thousand) | Total nominal value of the bids approved (thousand) | Average price<br>of the bids<br>approved per<br>BGN/EUR 100 | Interest<br>rate | Bid-to-<br>cover<br>ratio | Average<br>annual<br>yield |
|-------------------|-------------------|----------|-----------------|------------------|---|---|---|---|------------------|---------------------------|----------------------------|
| 3-year            | BG2030016112      | BGN      | 17.02.2016      | 17.02.2019       | 200 000.00                                  | 340 950.00  | 200 000.00  | 100.43  | 0.50%            | 1.70                      | 0.36%                      |
| 4-year            | BG2030017110      | BGN      | 22.02.2017      | 22.02.2021       | 200 000.00                                  | 528 975.00  | 200 000.00  | 100.84  | 0.30%            | 2.64                      | 0.07%                      |
| 5-year            | BG2030014117      | BGN      | 22.01.2014      | 22.01.2019       | 310,000.00                                  | 576,680.00  | 310,000.00  | 101.23  | 2.50%            | 1.86                      | 2.24%                      |
| 5-year            | BG2030115112      | BGN      | 04.02.2015      | 04.02.2020       | 600,000.00                                  | 1,051,650.00  | 400,000.00  | 103.59  | 1.85%            | 1.75                      | 0.97%                      |
| 7-year            | BG2040112216      | EUR      | 18.01.2012      | 18.01.2019       | 125,000.00                                  | 388,065.00  | 125,000.00  | 105.56  | 4.50%            | 3.10                      | 3.56%                      |
| 7-year            | BG2040113214      | EUR      | 16.01.2013      | 16.01.2020       | 165,000.00                                  | 478,946.00  | 165,000.00  | 104.77  | 3.50%            | 2.90                      | 2.73%                      |
| 7-year            | BG2040114212      | EUR      | 12.02.2014      | 12.02.2021       | 145,000.00                                  | 411,270.00  | 145,000.00  | 103.59  | 3.00%            | 2.84                      | 2.42%                      |
| 7.5-year          | BG2040117215      | BGN      | 27.09.2017      | 27.03.2025       | 250 000.00                                  | 612 650.00  | 250 000.00  | 102.24  | 0.80%            | 2.45                      | 0.49%                      |
| 10-year           | BG2040009214      | BGN      | 28.01.2009      | 28.01.2019       | 184,250.00                                  | 374,975.00  | 157,500.00  | 84.84   | 4.95%            | 2.04                      | 7.29%                      |
| 10-year           | BG2040115219      | BGN      | 22.04.2015      | 22.04.2025       | 300,000.00                                  | 583,316.45  | 235,000.00  | 99.45   | 2.30%            | 1.94                      | 2.37%                      |
| 10.5-year         | BG2040010212      | EUR      | 13.01.2010      | 13.07.2020       | 265,000.00                                  | 761,440.00  | 313,110.00  | 92.64   | 5.00%            | 3.02                      | 6.08%                      |
| 10.5-year         | BG2040011210      | BGN      | 19.01.2011      | 19.07.2021       | 320,000.00                                  | 777,335.00  | 322,900.00  | 97.73   | 5.00%            | 2.55                      | 5.36%                      |
| 10.5-year         | BG2040012218      | BGN      | 11.01.2012      | 11.07.2022       | 305,000.00                                  | 993,475.00  | 305,000.00  | 105.93  | 5.00%            | 3.26                      | 4.32%                      |
| 10.5-year         | BG2040013216      | BGN      | 09.01.2013      | 09.07.2023       | 350,000.00                                  | 764,329.40  | 350,000.00  | 104.31  | 4.00%            | 2.18                      | 3.52%                      |
| 10.5-year         | BG2040014214      | BGN      | 15.01.2014      | 15.07.2024       | 380,000.00                                  | 902,040.00  | 380,000.00  | 105.61  | 4.00%            | 2.37                      | 3.37%                      |
| 10.5-year         | BG2040015211      | BGN      | 14.01.2015      | 14.07.2025       | 50,000.00                                   | 181,030.00  | 50,000.00   | 100.24  | 3.10%            | 3.62                      | 3.09%                      |
| 10.5-year         | BG2040016219      | BGN      | 27.01.2016      | 27.07.2026       | 300,000.00                                  | 458,300.00  | 300,000.00  | 97.62   | 2.25%            | 1.53                      | 2.53%                      |
| 10.5-year         | BG2040017217      | BGN      | 25.01.2017      | 25.07.2027       | 350,000.00                                  | 639,348.80  | 339 500.00  | 101.99  | 1.95%            | 1.83                      | 1.74%                      |
| 15-year           | BG2040403219      | EUR      | 12.11.2003      | 11.10.2018       | 100,000.00                                  | 350,871.54  | 100,000.00  | 100.35  | 6.00%            | 4.08                      | 5.96%                      |
| 15-year           | BG2040210218      | EUR      | 29.09.2010      | 29.09.2025       | 45,000.00                                   | 311,355.00  | 234,105.00  | 94.24   | 5.75%            | 6.92                      | 6.45%                      |

#### Notes:

- ${\it 1. The GS yield is calculated on the basis of ISMA-International Yield.}\\$
- 2. For treasury bonds average prices from the auctions for the sale of the relevant issues are shown.

### Government Securities Issued to Settle Non-performing Loans of State-owned Companies to Banks

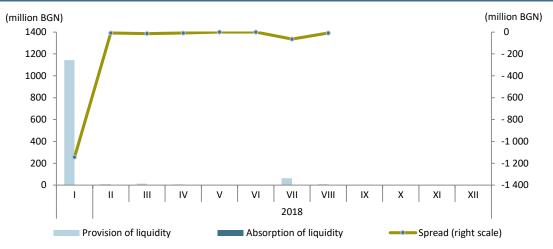
| Legal regulation                       | Art. 4 ZUNK/93                 | Art. 5 ZUNK/93                 | CMD 3/94                       | §10 of TFP of SBL/99           |
|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Issue No.                              | BG 2009893228                  | BG 2009794228                  | BG 2009693222                  | BG 2040099223                  |
| Issue date                             | 01.10.1993                     | 01.01.1994                     | 01.12.1993                     | 01.07.1999                     |
| Maturity date                          | 01.10.2018                     | 01.01.2019                     | 01.12.2018                     | 01.01.2019                     |
| Maturity (years)                       | 25                             | 25                             | 25                             | 19.5                           |
| Grace period (years)                   | 5                              | 5                              | 5                              |                                |
| Redemption term (years)                | 20                             | 20                             | 20                             | 19.5                           |
| Installments                           | 20 equal annual Instalments 20 |
| Principal (thousand)                   | 430.63 BGN                     | 9 429.78 USD                   | 46.20 BGN                      | 8 353.09 EUR                   |
| Interest payments                      | semiannual                     | semiannual                     | annual                         | semiannual                     |
| Interest                               | BIR                            | LIBOR*                         | BIR                            | EURIBOR**                      |
| Principal (thousand) Interest payments | 430.63 BGN<br>semiannual       | 9 429.78 USD<br>semiannual     | 46.20 BGN<br>annual            | 8 353.09 EUR<br>semiannual     |

- 1. EUR-denominated issue BG 2040099223 has the same status as the USD-denominated issue BG 2009794228 (issued under Article 5 of the Law on Settlement of Non-performing Credits negotiated prior to 31 December 1990).
- 2. Pursuant to CM Decree No. 22 of 1995, long-term government bonds issued under ZUNK may be used to repay obligations of state-owned enterprises, firms and commercial companies to the government, transformed under Article 10 of ZUNK. In meeting these obligations, transformed under Article 10 of ZUNK. In meeting these obligations, transformed under Article 10 of ZUNK. In meeting these obligations, long-term government bonds are valued at their nominal value for the bonds denominated in US dollars, and 80 per cent for those denominated in levs.
- \* Six-month LIBOR of the US dollar for the preceding interest period; the amount of the interest coupon is announced by the Minister of Finance no later than three days after the
- beginning of each interest period.

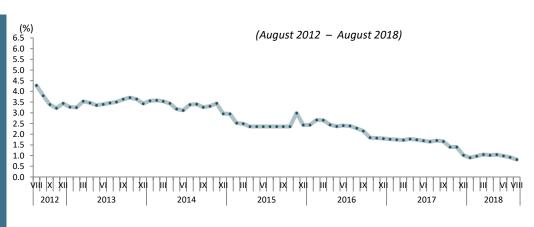
  \*\* Six-month EURIBOR for the preceding interest period; the amount of the interest coupon is announced by the Minister of Finance no later than three days after the beginning of each

Principals are based on actual data as of 31 August 2018.





Long-term Interest Rate for Assessment of the Degree of Convergence



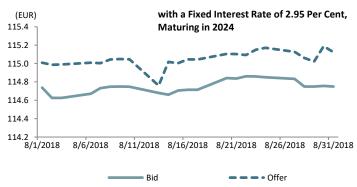
#### Quotations and Yield of Bulgarian Bonds Issued in International Capital Markets

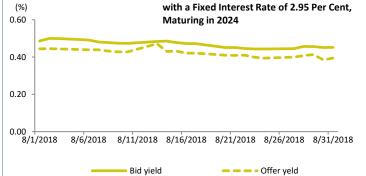
Source: Bloomberg

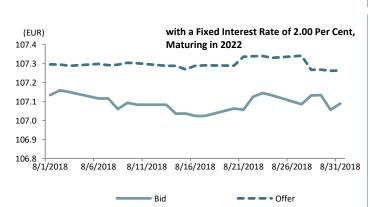


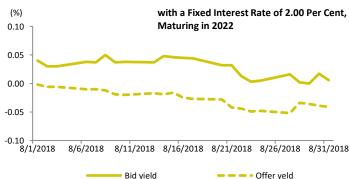
Bid and Offer Quotations of EUR-denominated

## Bid and Offer Yield Quotations of EUR-denominated **Bulgarian Bonds**

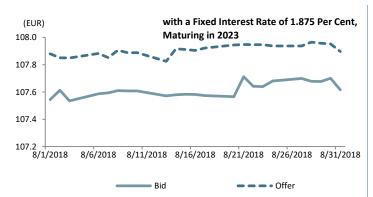


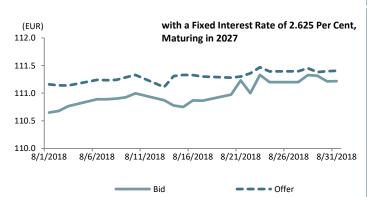


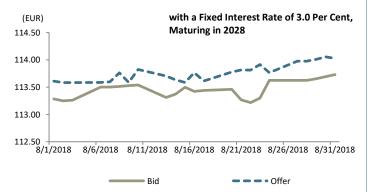


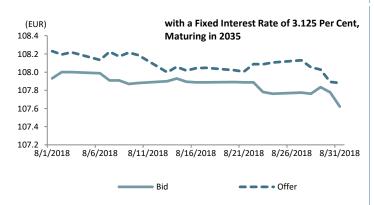


#### Bid and Offer Quotations of EUR-denominated Bulgarian Bonds

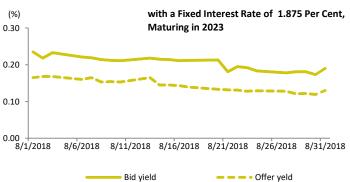


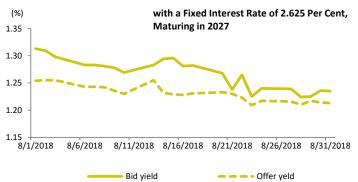




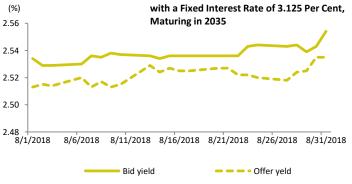


# Bid and Offer Yield Quotations of EUR-denominated Bulgarian Bonds









# 3. Central Government Guarantees Structure and Dynamics

By end-August central government guarantees totalled EUR 305.9 million in nominal terms, including external central government guarantees of EUR 271.5 million and domestic central government guarantees of EUR 34.4 million.

The central government guaranteed debt to GDP ratio was 0.6 per cent.

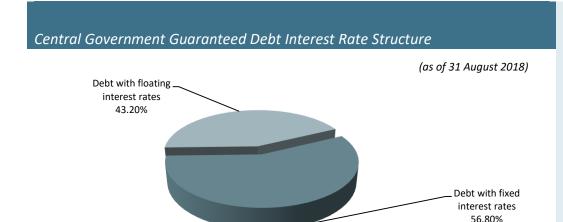
At the end of August 2018 central government guaranteed debt payments amounted to BGN 147,757.0 thousand, including principal payments of BGN 142,467.5 thousand and interest payments of BGN 5,289.5 thousand.

#### Central Government Guarantees, million EUR

| Structure   | 31.12.2017 | 31.03.2018 | 30.06.2018 | 31.07.2018 | 31.08.2018 |
|---|------------|------------|------------|------------|------------|
| Central government guaranteed debt                                  | 373.6      | 351.2      | 320.5      | 318.0      | 305.9      |
| I. Domestic central government guaranteed debt                      | 35.1       | 36.2       | 35.0       | 34.6       | 34.4       |
| 1.Guarantees under the Student and Doctoral-<br>Candidate Loans Act | 35.1       | 36.2       | 35.0       | 34.6       | 34.4       |
| II. External central government guaranteed debt                     | 338.5      | 315.0      | 285.5      | 283.4      | 271.5      |
| 1. World Bank   | 6.6        | 6.4        | 5.3        | 5.3        | 5.3        |
| 2. European Investment Bank   | 1.5        | 1.6        | 1.6        | 1.6        | 1.6        |
| 3. Other  | 330.4      | 307.0      | 278.6      | 276.4      | 264.6      |
| Central government guaranteed debt/GDP (%)                          | 0.7        | 0.7        | 0.6        | 0.6        | 0.6        |

#### Notes:

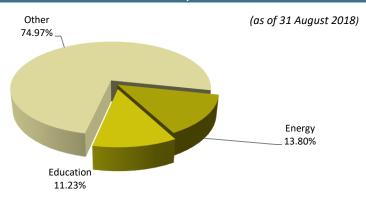
- 1.Debt at nominal value.
- 2.GDP projection for 2017 (BGN 98,631 million) and for 2018 (BGN 104,674 milion) are used in calculations.
- 3. Debt is recalculated in euro based on end-of-period BNB central exchange rates of the relevant currencies against the Bulgarian lev by the end of the corresponding period.
- 4.Preliminary data.
- 5.For statistical reporting purposes, loans of units of the sector "General government" / incl. "Central government" subsector, "Local government" subsector and "Social security funds" subsector / for, which has issued state guarantees are recorded as debt of the relevant subsector of "General government" to which they belong.



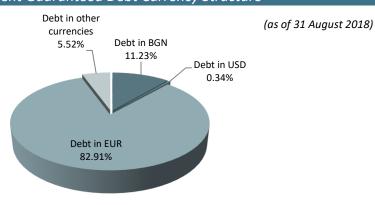
In August, in the central government guaranteed debt interest rate structure debt with floating interest rates was 43.2 per cent and debt with fixed interest rates – 56.8 per cent.

In the structure of central government guaranteed debt by sector, other industries occupied the largest share (75.0 per cent), followed by energy (13.8 per cent) and education (10.2 per cent).

#### Central Government Guaranteed Debt Structure by Sector



### Central Government Guaranteed Debt Currency Structure



At the end of the period the share of debt in euro reached 82.9 per cent, that in levs was 11.2 per cent, in other currencies and US dollars 5.5 and 0.3 per cent, respectively.

# **Appendix**

# 1. Bulgarian Bonds Issued on the International Capital Markets

| Bonds Issued o               | on ICM  |   |   |   |   |  |
|------------------------------|---|---|---|---|---|--|
|                              | Bulgarian Eurobonds<br>issued on ICM, with a<br>fixed interest rate of<br>2.950%, maturing on 3<br>September 2024 | Bulgarian Eurobonds<br>issued on ICM under<br>the GMTN<br>Programme, with a<br>fixed interest rate of<br>2.0%, maturing on 26<br>March 2022 | Bulgarian Eurobonds<br>issued on ICM under<br>the GMTN<br>Programme, with a<br>fixed interest rate of<br>2.625%, maturing on<br>26 March 2027 | Bulgarian Eurobonds<br>issued on ICM under<br>the GMTN<br>Programme, with a<br>fixed interest rate of<br>3.125%, maturing on<br>26 March 2035 | Bulgarian Eurobonds<br>issued on ICM, with a<br>fixed interest rate of<br>1.875%, maturing on<br>21 March 2023 r. | Bulgarian Eurobonds<br>issued on ICM, with a<br>fixed interest rate of<br>3.0%, maturing on 21<br>March 2028 |
| ISSUER                       | REPUBLIC OF<br>BULGARIA   | REPUBLIC OF<br>BULGARIA   | REPUBLIC OF<br>BULGARIA   | REPUBLIC OF<br>BULGARIA   | REPUBLIC OF<br>BULGARIA   | REPUBLIC OF<br>BULGARIA  |
| Format                       | Reg S   | RegS  | RegS  | RegS  | Reg S   | Reg S  |
| Credit Ratings               | Baa2 (Moody's)/ BBB-<br>(S&P) / BBB- (Fitch)  | Baa2 (Moody's)/ BB+<br>(S&P) / BBB- (Fitch)   | Baa2 (Moody's)/ BB+<br>(S&P) / BBB- (Fitch)   | Baa2 (Moody's)/ BB+<br>(S&P) / BBB- (Fitch)   | Baa2(Moody's)/<br>BB+(S&P) / BBB-(Fitch)  | Baa2(Moody's)/<br>BB+(S&P) / BBB-(Fitch)   |
| Issue's Rating               | Baa2 (Moody's) / BBB-<br>(S&P) / BBB- (Fitch)   | Baa2 (Moody's) / BB+<br>(S&P) / BBB- (Fitch)  | Baa2 (Moody's) / BB+<br>(S&P) / BBB- (Fitch)  | Baa2 (Moody's) / BB+<br>(S&P) / BBB- (Fitch)  | Baa2Moody's)/<br>BB+(S&P)/BBB-(Fitch)   | Baa2(Moody's)/<br>BB+(S&P)/BBB-(Fitch)   |
| Lead Managers                | Citi, HSBC, JP Morgan   | Citi, HSBC (B&D), SG<br>CIB, UniCredit  | Citi, HSBC (B&D), SG<br>CIB, UniCredit  | Citi, HSBC (B&D), SG<br>CIB, UniCredit /<br>Goldman Sachs<br>International  | BNP Paribas,<br>Cititgroup GML, JP<br>Morgan S. pls,<br>UniCredit Bank AG   | BNP Paribas,<br>Cititgroup GML, JP<br>Morgan S. pls,<br>UniCredit Bank AG                                    |
| Currency<br>Denomination     | EUR   | EUR   | EUR   | EUR   | EUR   | EUR  |
| Nominal Value                | EUR 1,493,000,000   | EUR 1,250,000,000   | EUR 1,000,000,000   | EUR 900,000,000   | EUR<br>1,144,000,000  | EUR 850,000,000  |
| Pricing Date                 | 26.06.2014  | 19.03.2015  | 19.03.2015  | 19.03.2015/<br>13.11.2015   | 14.03.2016  | 14.03.2016   |
| Settlement Date              | 03.07.2014  | 26.03.2015  | 26.03.2015  | 26.03.2015/<br>20.11.2015   | 21.03.2016  | 21.03.2016   |
| Maturity                     | 03.09.2024  | 26.03.2022  | 26.03.2027  | 26.03.2035  | 21.03.2023  | 21.03.2028   |
| Date of Interest<br>Payments | Payable annually on 3<br>September, first<br>interest payment on<br>3.09.2015                                     | Payable annually on 26<br>May, first interest<br>payment on<br>26.03.2016   | Payable annually on 26<br>May, first interest<br>payment on<br>26.03.2016   | Payable annually on 26<br>May, first interest<br>payment on<br>26.03.2016   | Payable annually on 21<br>May, first interest<br>payment on<br>21.03.2017   | Payable annually on 21<br>May, first interest<br>payment on<br>21.03.2017                                    |
| Interest Coupon              | 2.950%  | 2.000%  | 2.625%  | 3.125%  | 1.875%  | 3.000%   |
| Issue Price                  | 99.085  | 98.849  | 98.918  | 97.982/88.514   | 98.192  | 98.237   |
| Yield                        | 3.055%  | 2.179%  | 2.732%  | 3.264%/3.989%   | 2.156%  | 3.179%   |
| Receipts                     | EUR 1,478,816,500   | EUR 1,235,612,500   | EUR 989,180,000   | EUR 832,847,000/<br>EUR 44,257,000  | EUR 1,123,316,480   | EUR 835,014,500  |
| Interest Rate<br>Convention  | ACT/ACT   | ACT/ACT   | ACT/ACT   | ACT/ACT   | ACT/ACT   | ACT/ACT  |
| Registrar                    | Luxembourg Stock<br>Exchange  | Luxembourg Stock<br>Exchange  | Luxembourg Stock<br>Exchange  | Luxembourg Stock<br>Exchange  | Luxembourg Stock<br>Exchange  | Luxembourg Stock<br>Exchange   |
| ISIN                         | XS1083844503  | XS1208855616  | XS1208855889  | XS1208856341  | XS1382693452  | XS1382696398   |
| Legislation                  | English   | English   | English   | English   | English   | English  |
| Bond Format                  | Registered  | Registered  | Registered  | Registered  | Registered  | Registered   |

 $<sup>\</sup>mbox{\ensuremath{^{*-}}}$  the placed volumes of the issue in the amount of EUR 850,000,000 and EUR 50,000,000.

### 2. Issues of Government Securities Held by Residents and Non-Residents

### Government Securities Issued and Held by Non-Residents, BGN'000

| Types of Government Securities                     | 31.12.2017 | 31.03.2018 | 30.06.2018 | 31.07.2018 |
|--|------------|------------|------------|------------|
| Government securities issued for budget financing  | 101,448.3  | 82,735.2   | 62,971.1   | 62,971.1   |
| - in BGN   | 48,563.0   | 31,749.0   | 33,629.0   | 33,629.0   |
| - in EUR   | 52,885.3   | 50,986.2   | 29,342.1   | 29,342.1   |
| Government securities issued for structural reform | 9.0        | 4.4        | 4.6        | 4.6        |
| - in EUR   | 3.2        | 1.6        | 1.6        | 1.6        |
| - in USD   | 5.8        | 2.8        | 3.0        | 3.0        |
| TOTAL  | 101,453.3  | 82,739.6   | 62,975.7   | 62,975.7   |

| C | Government Securities Issuea | on the Internationa | l Markets and Held | l by Residents, EUR million |
|---|------------------------------|---------------------|--------------------|-----------------------------|
|   |                              |                     |                    |                             |

| Types of Government Securities   | 31.12.2017 | 31.03.2018 | 30.06.2018 | 31.07.2018 |
|--|------------|------------|------------|------------|
| Bulgarian Eurobonds with a fixed interest rate of 2.95%, maturing in 2024  | 814.7      | 876.2      | 881.0*     | 877.4      |
| Bulgarian Eurobonds with a fixed interest rate of 2.00%, maturing in 2022  | 861.7      | 867.7      | 874.2      | 872.7      |
| Bulgarian Eurobonds with a fixed interest rate of 2.625%, maturing in 2027 | 652.3      | 615.3      | 607.0      | 600.0      |
| Bulgarian Eurobonds with a fixed interest rate of 3.125%, maturing in 2035 | 242.1      | 229.6      | 233.4      | 234.8      |
| Bulgarian Eurobonds with a fixed interest rate of 1.875%, maturing in 2023 | 728.8      | 771.3      | 774.9      | 774.9      |
| Bulgarian Eurobonds with a fixed interest rate of 3.0%, maturing in 2028   | 392.7      | 377.8      | 376.2*     | 377.0      |
| TOTAL (EUR million)  | 3,962.3    | 3,737.9    | 3,746.7*   | 3,736.8    |

<sup>\*</sup>Revised data

### Bulgarian Bonds Issued on International Capital Markets and Held by Residents in the Banking Sector and Other Sectors

| Types of Government Securities  | Currency | 31.12.2017 | 31.03.2018 | 30.06.2018 | 31.07.2018 |
|---|----------|------------|------------|------------|------------|
| Bulgarian Eurobonds with a fixed interest rate of 2.95%, maturing in 2024 XS1083844503  | EUR      | 814.73     | 876.16     | 881.00*    | 877.36     |
| Held by Banking sector  | EUR      | 561.45     | 607.12     | 607.33     | 602.69     |
| Held by Other sectors   | EUR      | 253.28     | 269.04     | 273.67*    | 274.67     |
| Bulgarian Eurobonds with a fixed interest rate of 2%, maturing in 2022 XS1208855616     | EUR      | 861.75     | 867.67     | 874.23     | 872.73     |
| Held by Banking sector  | EUR      | 723.71     | 723.39     | 726.47     | 724.97     |
| Held by Other sectors   | EUR      | 138.04     | 144.28     | 147.76     | 147.76     |
| Bulgarian Eurobonds with a fixed interest rate of 2.625%, maturing in 2027 XS1208855889 | EUR      | 652.28     | 615.34     | 607.02     | 599.96     |
| Held by Banking sector  | EUR      | 433.94     | 405.89     | 397.80     | 384.80     |
| Held by Other sectors   | EUR      | 218.34     | 209.45     | 209.22     | 215.16     |
| Bulgarian Eurobonds with a fixed interest rate of 3.125%, maturing in 2035 XS1208856341 | EUR      | 242.09     | 229.60     | 233.43     | 234.83     |
| Held by Banking sector  | EUR      | 132.50     | 132.50     | 133.25     | 132.50     |
| Held by Other sectors   | EUR      | 109.59     | 97.10      | 100.18     | 102.34     |
| Bulgarian Eurobonds with a fixed interest rate of 1.875%, maturing in 2023 XS1382693452 | EUR      | 728.79     | 771.28     | 774.88     | 774.88     |
| Held by Banking sector  | EUR      | 549.21     | 577.16     | 575.46     | 576.06     |
| Held by Other sectors   | EUR      | 179.58     | 194.12     | 199.42     | 198.82     |
| Bulgarian Eurobonds with a fixed interest rate of 3.0%, maturing in 2028 XS1382696398   | EUR      | 392.70     | 377.84     | 376.15*    | 377.04     |
| Held by Banking sector  | EUR      | 246.43     | 237.68     | 235.83*    | 235.83     |
| Held by Other sectors   | EUR      | 146.27     | 140.16     | 140.33     | 141.21     |
| TOTAL (EUR million)   | EUR      | 3,692.34   | 3,737.87   | 3,746.70*  | 3,736.79   |

<sup>\*</sup>Revised data

# 3. Issues of Government Securities Held by Pension Funds, Pension Insurance, Insurance and Health Insurance Companies

Information about Bulgarian government securities issued on the domestic and international markets and held by non-banking financial institutions\*

Source: Financial Supervision Commission

|   |          | Pension funds and pension insurance companies |                            |  |           |  |  |
|---|----------|---|----------------------------|--|-----------|--|--|
| Types of Government Securities  | Currency | Universal pension funds                       | Professional pension funds | VPF (incl. those by professional scheme) | Total     |  |  |
| 1. Government securities issued on the domestic market  |          | 333,401                                       | 50,083                     | 35,162                                   | 421,646   |  |  |
| 1.1. BGN-denominated  | BGN      | 121,554                                       | 18,196                     | 12,608                                   | 152,358   |  |  |
| 1.2. EUR-denominated  | EUR      | 214,174                                       | 31,773                     | 22,543                                   | 268,490   |  |  |
| 1.3. USD-denominated  | USD      | 673   | 113                        | 11                                       | 798       |  |  |
| 2. Government securities issued on the international capital markets                          |          | 1,357,887                                     | 100,520                    | 80,103                                   | 1,538,510 |  |  |
| 2.1.Bulgarian Eurobonds with a fixed interest rate of 2.95%, maturing in 2024, XS1083844503   | EUR      | 382,011                                       | 27,854                     | 33,311                                   | 443,176   |  |  |
| 2.2.Bulgarian Eurobonds with a fixed interest rate of 2.0%, maturing in 2022, XS1208855616    | EUR      | 188,268                                       | 9,535                      | 4,054                                    | 201,857   |  |  |
| 2.3.Bulgarian Eurobonds with a fixed interest rate of 2.625%, maturing in 2027, XS1208855889  | EUR      | 305,725                                       | 26,948                     | 6,882                                    | 339,555   |  |  |
| 2.4.Bulgarian Eurobonds with a fixed interest rate of 3.125%, maturing in 2035, XS1208856341  | EUR      | 18,407  | 2,552                      | 638                                      | 21,597    |  |  |
| 2.5. Bulgarian Eurobonds with a fixed interest rate of 1.875%, maturing in 2023, XS1382693452 | EUR      | 267,118                                       | 28,182                     | 23,909                                   | 319,210   |  |  |
| 2.6. Bulgarian Eurobonds with a fixed interest rate of 3.0%, maturing in 2028, XS1382696398   | EUR      | 196,358                                       | 5,448                      | 11,309                                   | 213,116   |  |  |

Notes: \*Data as of 31.08.2018. Data are given in BGN'000; UPF — Universal pension fund, PPF — Professional pension fund, VPF — Voluntary pension fund by professional scheme

# Information about Bulgarian government securities issued on the domestic and international markets and held by non-banking financial institutions\*

Source: Financial Supervision Commission

Total

Incurance companies

| Currency | General insurance companies  | Life insurance companies   |   |
|----------|------------------------------|--|---|
|          | 525,827                      | 357,344  | 883,171   |
| BGN      | 467,941                      | 201,539  | 669,480   |
| EUR      | 57,492                       | 152,207  | 209,699   |
| USD      | 394                          | 3,598  | 3,992   |
|          | 175,629                      | 248,981  | 424,610   |
| ' EUR    | 35,325                       | 52,646   | 87,970  |
| EUR      | 15,478                       | 3,188  | 18,665  |
| EUR      | 49,619                       | 44,819   | 94,438  |
| EUR      | 4,980                        | 119,340  | 124,320   |
| EUR      | 34,972                       | 13,690   | 48,662  |
| EUR      | 35,255                       | 15,298   | 50,553  |
|          | EUR USD  EUR EUR EUR EUR EUR | BGN 467,941  EUR 57,492  USD 394  175,629  EUR 35,325  EUR 15,478  EUR 49,619  EUR 4,980  EUR 34,972 | BGN 467,941 201,539  EUR 57,492 152,207  USD 394 3,598  175,629 248,981  FUR 35,325 52,646  EUR 15,478 3,188  EUR 49,619 44,819  EUR 4,980 119,340  EUR 34,972 13,690 |

Notes: \*Data as of 31.12.2017. Data are given in BGN'000

# Information about Bulgarian government securities issued on the domestic and international markets and held by non-banking financial institutions\*

Source: Financial Supervision

| Types of Government Securities                      | Currency | Other non-banking financial institutions<br>(Investment firms and CIS)* |
|---|----------|---|
| Government securities issued on the domestic market |          | 5,502   |
| 1.1. BGN-denominated                                | BGN      | 5,502   |

Notes: Data as of 30.06.2018. Data are given in BGN'000

CIS - collective investment schemes, which under Bulgarian law are investment companies of open and closed-end type and mutual funds;

# 4. Size, Structure and Dynamics of Government and Government Guaranteed Debt

|                                      | as of<br>31.12.2017 | as of<br>31.03.2018 | as of<br>30.06.2018 | as of<br>31.07.2018 | as (<br>31.08.201 |
|--------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------------|
| Government debt*                     |                     |                     |                     |                     |                   |
| Domestic government debt             | 3,431.6             | 2,887.0             | 2,887.4             | 2,887.4             | 2,887             |
| I.GS issued for financing the budget | 3,398.9             | 2,870.8             | 2,870.7             | 2,870.8             | 2,870             |
| II.GS issued for structural reform   | 32.7                | 16.2                | 16.7                | 16.6                | 16                |
| External Government Debt             | 8,601.2             | 8,585.6             | 8,523.0             | 8,522.1             | 8,524             |
| I. Bonds issued in ICM               | 6,637.0             | 6,637.0             | 6,637.0             | 6,637.0             | 6,637             |
| II. Loans                            | 1,964.2             | 1,948.6             | 1,886.0             | 1,885.1             | 1,88              |
| Government debt, total               | 12,032.8            | 11,472.6            | 11,410.4            | 11,409.5            | 11,41             |
| Total government debt/GDP (%)        | 23.6                | 21.4                | 21.3                | 21.3                | 2:                |
| Government guaranteed debt           |                     |                     |                     |                     |                   |
| Domestic government guaranteed debt  | 35.1                | 36.2                | 35.0                | 34.6                | 34                |
| External government guaranteed debt  | 985.8               | 981.8               | 953.4               | 950.4               | 93                |
| Government guaranteed debt, total    | 1,020.9             | 1,018.0             | 988.4               | 985.0               | 97:               |
| Government guaranteed debt/GDP (%)   | 2.0                 | 1.9                 | 1.8                 | 1.8                 | :                 |

st - "Government debt" is any debt issued pursuant to the Government Debt Law.

#### Notes:

- 1. Debt at nominal value.
- 2. GDP projection for 2017 (BGN 98,631 million) and for 2018 (BGN 104,674 milion) are used in calculations.
- 3. Debt in euro is recalculated based on end-of-period BNB central exchange rates of the relevant currencies against the Bulgarian lev.
- 4. Preliminary data for the last month.

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<sup>\*</sup> The data relate only to the investment and trading portfolios of non-bank investment firms.