

Rating Action: Moody's downgrades BDMG, affirms Desenvolve SP's ratings; changes outlook to stable.

Global Credit Research - 11 Apr 2018

Sao Paulo, April 11, 2018 -- Moody's América Latina Ltda has today downgraded the long-term global local currency issuer rating assigned to the state-owned development bank, Banco de Desenvolvimento de Minas Gerais S.A. (BDMG), to B2, from B1. Moody's also downgraded the bank's long and short-term Brazilian national scale issuer ratings to Ba1.br and BR-4 from Baa3.br and BR-3 respectively, as well as its baseline credit assessment (BCA) to b2 from b1. At the same time Moody's affirmed the long-term global local currency and Brazilian national scale issuer ratings and BCA assigned to the state owned development agency, Desenvolve SP - Agencia de Fomento do Estado de São Paulo (Desenvolve SP). The outlook for both issuers was changed to stable from negative.

This action follows Moody's announcements published on 9 and 10 April 2018 that it has downgraded the issuer rating of the State of Minas Gerais and affirmed the ratings of the State of São Paulo and the Government of Brazil and changed their outlooks to stable from negative. For more information, please refer to the following press releases https://www.moodys.com/research/Moodys-takes-rating-actions-on-Brazilian-states-and-municipalities--PR_381956 and https://www.moodys.com/research/Moodys-changes-outlook-on-Brazils-ratings-to-stable-from-negative--PR_380048.

The following ratings and assessments of Banco de Desenvolvimento de Minas Gerais S.A. were downgraded:

- Long-term global local currency issuer rating to B2, stable, from B1, negative
- Long-term local currency Brazilian national scale issuer rating to Ba1.br, from Baa3.br
- Short-term local currency Brazilian national scale issuer rating to BR-4, from BR-3
- Baseline credit assessment to b2, from b1

The outlook for Banco de Desenvolvimento de Minas Gerais S.A. was changed to stable from negative.

The following ratings and assessments of Desenvolve SP - Agencia de Fomento do Estado de São Paulo were affirmed:

Desenvolve SP - Agencia de Fomento do Estado de São Paulo:

- Long-term global local currency issuer rating of Ba2, outlook changed to stable from negative
- Short-term global local currency issuer rating of Not Prime
- Long-term local currency Brazilian national scale issuer rating of Aa2.br
- Short-term local currency Brazilian national scale issuer rating of BR-1
- Baseline credit assessment of ba3

The outlook for Desenvolve SP - Agencia de Fomento do Estado de São Paulo was changed to stable from negative.

RATINGS RATIONALE

The rating action was prompted by the downgrade and change in outlook to stable, from negative, of the State of Minas Gerais (B2, stable) as well as the affirmation of the ratings and change in outlook to stable, from negative, of the State of São Paulo (Ba2, stable), which in turn followed the change in the outlook of Brazil's sovereign bond rating to stable from negative. The rating action of the State of São Paulo's ratings considers the close macroeconomic and institutional linkages between the state and the federal government. However, the downgrade of the State of Minas Gerais's ratings reflects the further deterioration of the state's fiscal

position in 2017 and the challenges it faces in reducing its fiscal deficits.

In turn, the rating actions on BDMG and Desenvolve SP, reflect the strong macroeconomic and institutional linkages with their state government-shareholders. In addition to determining the agencies' strategies, budgets and objectives, the respective state governments are the sole providers of their equity. Established to act as financial development agents of their state governments, the entities have limited ability to diversify and operate beyond the boundaries of their states. Consequently, they are highly dependent upon and exposed to their local economies and exhibit concentrations in terms of segments, products and borrower types.

As the financial situation of State of Minas Gerais has worsened in recent years, BDMG has also reported much weaker fundamentals, particularly asset quality. In 2017, BDMG's 15 day problem loan ratio rose sharply to 7.9% from just 0.1% a year previously. In addition, the bank registered a significant net loss equal to 2.6% of tangible assets, a direct result of a 224% increase in its provisioning expenses. Along with the bank's continued reliance on wholesale funding from Banco Nacional de Desenvolvimento Econômico e Social (BNDES, local currency bank deposit rating of Ba2, stable) which exposes BDMG to changes in BNDES' lending policies, including reduced rate subsidies, these factors were key in the downgrade of BDMG's ratings. In contrast, the affirmation of Desenvolve SP's BCA reflects its strong capitalization, low delinquency ratios, and sound profitability.

Notwithstanding the downgrades of the government of Minas Gerais and BDMG, Moody's continues to assess as high the willingness of the state governments of both Minas Gerais and Sao Paulo to provide financial support to BDMG and Desenvolve SP if necessary. Desenvolve SP's issuer rating continues to benefit from one notch of uplift for affiliate support from its ba3 BCA. The outlooks on both BDMG and Desenvolve SP are stable, in line with the outlooks on their government-shareholders and the government of Brazil. The stable outlook on BDMG also reflects our expectation that there will be no further deterioration of the bank's asset quality, while Desenvolve SP's outlook considers that its capital and asset quality will remain strong as it expands its loan book amid Brazil's economic recovery.

BDMG - WHAT COULD CHANGE THE RATING DOWN

The recent downgrade and the stable outlook on the bank's rating means upward pressure is limited, at this time. If the rating of its government-shareholder is downgraded further, however, BDMG's ratings would face downward pressure as well. Further deterioration in its asset quality, profitability and/or a capital base could also pressure its ratings.

Desenvolve SP - WHAT COULD CHANGE THE RATING UP/DOWN

If the rating for its government-shareholder is upgraded, Desenvolve SP's ratings could face upward pressure as well. A significant improvement in profitability as a result of loan growth with limited effect on asset risk and without significantly diminishing its capital base, would put positive pressure on its BCA. However, this would not affect its issuer ratings. The ratings would face downward pressure if either the state government's rating were to be downgraded or the issuer's fundamentals deteriorate significantly.

The methodologies used in these ratings were Banks published in September 2017, and Government-Related Issuers published in August 2017. Please see the Rating Methodologies page on www.moodys.com.br for a copy of these methodologies.

Moody's National Scale Credit Ratings (NSRs) are intended as relative measures of creditworthiness among debt issues and issuers within a country, enabling market participants to better differentiate relative risks. NSRs differ from Moody's global scale credit ratings in that they are not globally comparable with the full universe of Moody's rated entities, but only with NSRs for other rated debt issues and issuers within the same country. NSRs are designated by a ".nn" country modifier signifying the relevant country, as in ".za" for South Africa. For further information on Moody's approach to national scale credit ratings, please refer to Moody's Credit rating Methodology published in May 2016 entitled "Mapping National Scale Ratings from Global Scale Ratings". While NSRs have no inherent absolute meaning in terms of default risk or expected loss, a historical probability of default consistent with a given NSR can be inferred from the GSR to which it maps back at that particular point in time. For information on the historical default rates associated with different global scale rating categories over different investment horizons, please see https://www.moodys.com/researchdocumentcontentpage.aspx?docid=PBC_1113601.

REGULATORY DISCLOSURES

Information sources used to prepare the rating are the following: public information, and confidential and

proprietary Moody's information.

Information types used to prepare the rating are the following: financial data, public information, and Moody's information.

Sources of Public Information: Moody's considers public information from many third party sources as part of the rating process. These sources may include, but are not limited to, the list available in the link http://www.moodys.com/viewresearchdoc.aspx?docid=PBC 193459.

Moody's considers the quality of information available on the rated entity, obligation or credit satisfactory for the purposes of issuing a rating.

Moody's adopts all necessary measures so that the information it uses in assigning a rating is of sufficient quality and from sources Moody's considers to be reliable including, when appropriate, independent third-party sources. However, Moody's is not an auditor and cannot in every instance independently verify or validate information received in the rating process.

The ratings have been disclosed to the rated entity or its designated agent(s) and issued with amendment resulting from that disclosure.

Please see the ratings disclosure page on www.moodys.com.br for general disclosure on potential conflicts of interests.

Moody's America Latina Ltda. may have provided Other Permissible Service(s) to the rated entity or its related third parties within the 12 months preceding the credit rating action. Please go to the report "Ancillary or Other Permissible Services Provided to Entities Rated by Moody's America Latina Ltda." in the link http://www.moodys.com/viewresearchdoc.aspx?docid=PBC 198873 for detailed information.

The date of the last Credit Rating Action for Banco de Desenvolvimento de Minas Gerais S.A. was 1/7/2016.

The date of the last Credit Rating Action for Desenvolve SP - Agencia de Fomento do Estado de São Paulo was 31/5/2017

Moody's ratings are constantly monitored, unless designated as point-in-time ratings in the initial press release. All Moody's ratings are reviewed at least once during every 12-month period.

For ratings issued on a program, series or category/class of debt, this announcement provides certain regulatory disclosures in relation to each rating of a subsequently issued bond or note of the same series or category/class of debt or pursuant to a program for which the ratings are derived exclusively from existing ratings in accordance with Moody's rating practices. For ratings issued on a support provider, this announcement provides certain regulatory disclosures in relation to the credit rating action on the support provider and in relation to each particular credit rating action for securities that derive their credit ratings from the support provider's credit rating. For provisional ratings, this announcement provides certain regulatory disclosures in relation to the provisional rating assigned, and in relation to a definitive rating that may be assigned subsequent to the final issuance of the debt, in each case where the transaction structure and terms have not changed prior to the assignment of the definitive rating in a manner that would have affected the rating. For further information please see the ratings tab on the issuer/entity page for the respective issuer on www.moodys.com.br.

For any affected securities or rated entities receiving direct credit support from the primary entity(ies) of this credit rating action, and whose ratings may change as a result of this credit rating action, the associated regulatory disclosures will be those of the guarantor entity. Exceptions to this approach exist for the following disclosures, if applicable to jurisdiction: Ancillary Services, Disclosure to rated entity, Disclosure from rated entity.

Please see ratings tab on the issuer/entity page on www.moodys.com.br for the last rating action and the rating history. The date on which some ratings were first released goes back to a time before Moody's ratings were fully digitized and accurate data may not be available. Consequently, Moody's provides a date that it believes is the most reliable and accurate based on the information that is available to it. Please see the ratings disclosure page on our website www.moodys.com.br for further information.

Please see Moody's Rating Symbols and Definitions on the Ratings Definitions page on www.moodys.com.br for further information on the meaning of each rating category and the definition of default and recovery.

Regulatory disclosures contained in this press release apply to the credit rating and, if applicable, the related rating outlook or rating review.

Please see www.moodys.com.br for any updates on changes to the lead rating analyst and to the Moody's legal entity that has issued the rating.

Please see the ratings tab on the issuer/entity page on www.moodys.com.br for additional regulatory disclosures for each credit rating.

Farooq Khan Analyst Financial Institutions Group Moody's America Latina Ltda. Avenida Nacoes Unidas, 12.551 16th Floor, Room 1601 Sao Paulo, SP 04578-903 Brazil JOURNALISTS: 800 891 2518

Client Service: 1 212 553 1653

M. Celina Vansetti-Hutchins MD - Banking Financial Institutions Group JOURNALISTS: 1 212 553 0376 Client Service: 1 212 553 1653

Releasing Office: Moody's America Latina Ltda. Avenida Nacoes Unidas, 12.551 16th Floor, Room 1601 Sao Paulo, SP 04578-903 Brazil JOURNALISTS: 800 891 2518

Client Service: 1 212 553 1653



© 2018 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. AND ITS RATINGS AFFILIATES ("MIS") ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MOODY'S PUBLICATIONS MAY INCLUDE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL, FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS AND MOODY'S OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. CREDIT RATINGS AND MOODY'S PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS NOR MOODY'S PUBLICATIONS COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS AND PUBLISHES MOODY'S PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS OR MOODY'S PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing the Moody's publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY SUCH RATING OR OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any rating, agreed to pay to Moody's Investors Service, Inc. for appraisal and rating services rendered by it fees ranging from \$1,500 to approximately \$2,500,000. MCO and MIS also maintain policies and procedures to address the independence of MIS's ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors. It would be reckless and inappropriate for retail investors to use MOODY'S credit ratings or publications when making an investment decision. If in doubt you should contact your financial or other professional adviser.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any rating, agreed to pay to MJKK or MSFJ (as applicable) for appraisal and rating services rendered by it fees ranging from JPY200,000 to approximately JPY350,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.