

Rating Action: Moody's takes multiple rating actions on Hungarian covered bonds

29 Sep 2021

Madrid, September 29, 2021 -- Moody's Investors Service ("Moody's") has today taken the following rating actions:

- Upgraded the mortgage covered bonds issued by OTP Jelzalogbank Zrt. (OTP Mtge Bk) ("OTP" or the issuer) to A1 from A2
- Upgraded the mortgage covered bonds issued by UniCredit Jelzalogbank Zrt. ("UniCredit" or the issuer) to A1 from A2

RATINGS RATIONALE

Today's rating actions on Hungarian covered bond programmes follow Moody's raise of Hungary's local currency and foreign currency ceilings to A1 from A2, which in turn follows Moody's upgrade of Hungary's sovereign rating to Baa2 with a stable outlook from Baa3 with a positive outlook on 24 September 2021. Covered bond ratings are constrained by the local currency and foreign currency ceilings; consequently, the raise of the ceiling to A1 has resulted in upgrades for the two covered bond programmes that we rate. For more details on the rationale for the sovereign rating change, please refer to the press release: http://www.moodys.com/viewresearchdoc.aspx?docid=PR_454087.

Following the upgrade of Hungary's sovereign rating, the Counterparty Risk (CR) Assessments of the two covered bond issuers were upgraded. For more details on the rationale for the upgrade of OTP, please refer to the press release: http://www.moodys.com/viewresearchdoc.aspx?docid=PR_454827 . For UniCredit, at the request of the issuer, the CR assessment is not published.

For OTP Jelzalogbank Zrt. (OTP Mtge Bk) - Mortgage Covered Bonds and UniCredit Jelzalogbank Zrt. - Mortgage Covered Bonds the covered bond ratings are at the local-currency bond ceiling in Hungary of A1.

The upgraded covered bond ratings benefit from OC consistent with their new rating levels.

KEY RATING ASSUMPTIONS/FACTORS

Moody's determines covered bond ratings using a two-step process: an expected loss analysis and a TPI framework analysis.

EXPECTED LOSS: Moody's uses its Covered Bond Model (COBOL) to determine a rating based on the expected loss on the bond. COBOL determines expected loss as: (1) a function of the probability that the issuer will cease making payments under the covered bonds (a CB anchor event); and (2) the stressed losses on the cover pool assets following a CB anchor event.

The CB anchor for OTP Jelzalogbank Zrt. (OTP Mtge Bk) - Mortgage Covered Bonds and UniCredit Jelzalogbank Zrt. - Mortgage Covered Bonds is CR assessment plus 1 notch.

The cover pool losses are an estimate of the losses Moody's currently models following a CB anchor event. Moody's splits cover pool losses between market risk and collateral risk. Market risk measures losses stemming from refinancing risk and risks related to interest-rate and currency mismatches (these losses may also include certain legal risks). Collateral risk is derived from the collateral score, which measures losses resulting directly from the cover pool assets' credit quality.

For OTP Jelzalogbank Zrt. (OTP Mtge Bk) - Mortgage Covered Bonds and UniCredit Jelzalogbank Zrt. - Mortgage Covered Bonds, Moody's has lowered its refinancing margins and raised both TPI's to Probable from Improbable. These adjustments are supported by a combination of factors that have lowered refinancing risk for Hungarian covered bond programmes, including: (i) the improvement of the Hungarian economy as reflected in the upgrade of the Hungary's rating to Baa2 from Baa3, (ii) the near term implementation of the EU

directive on covered bonds, which will reinforce strengths of the Hungarian covered bond law, and (iii) the systemic importance of covered bonds in Hungary.

The cover pool losses for OTP Jelzalogbank Zrt. (OTP Mtge Bk) - Mortgage Covered Bonds are 31.2% with market risk of 25.1% and collateral risk of 6.1%. The collateral score for this programme is currently 9.1%. The over-collateralisation in this cover pool is 27.7%, of which the issuer provides 0% on a "committed" basis. Under Moody's COBOL model, the minimum OC consistent with the A1 rating is 0%. These numbers show that Moody's is not relying on "uncommitted" OC in its expected loss analysis.

The cover pool losses for UniCredit Jelzalogbank Zrt. - Mortgage Covered Bonds are 32.4% with market risk of 25.8% and collateral risk of 6.6%. The collateral score for this programme is currently 9.8%. The over-collateralisation in this cover pool is 6.1%, of which the issuer provides 0% on a "committed" basis. Under Moody's COBOL model, the minimum OC consistent with the A1 rating is 0%. These numbers show that Moody's is not relying on "uncommitted" OC in its expected loss analysis.

For further details on cover pool losses, collateral risk, market risk, collateral score and TPI Leeway across covered bond programmes rated by Moody's please refer to "Covered Bonds Sector Update", published quarterly.

TPI FRAMEWORK: Moody's assigns a Timely Payment Indicator (TPI), which is our assessment of the likelihood of timely payment of interest and principal to covered bondholders following a CB anchor event. TPIs are assessed as Very High, High, Probable-High, Probable, Improbable or Very Improbable. The TPI framework limits the covered bond rating to a certain number of notches above the CB anchor.

RATING METHODOLOGY

The principal methodology used in these ratings was "Moody's Approach to Rating Covered Bonds" published in September 2021 and available at https://www.moodys.com/researchdocumentcontentpage.aspx? docid=PBS_1284753. Alternatively, please see the Rating Methodologies page on www.moodys.com for a copy of this methodology.

FACTORS THAT WOULD LEAD TO AN UPGRADE OR DOWNGRADE OF THE RATINGS:

The CB anchor is the main determinant of a covered bond programme's rating robustness. A change in the level of the CB anchor could lead to an upgrade or downgrade of the covered bonds. The TPI Leeway measures the number of notches by which Moody's might lower the CB anchor before the rating agency downgrades the covered bonds because of TPI framework constraints.

The TPI assigned to OTP Jelzalogbank Zrt. (OTP Mtge Bk) - Mortgage Covered Bonds is Probable. The TPI Leeway for this programme is 3 notches. This implies that Moody's might downgrade the covered bonds because of a TPI cap, if it lowers the CB anchor four notches all other variables being equal.

The TPI assigned to UniCredit Jelzalogbank Zrt. - Mortgage Covered Bonds is Probable. The TPI Leeway for this programme is unpublished.

A multiple-notch downgrade of the covered bonds might occur in certain circumstances, such as: (1) a country ceiling or sovereign downgrade capping a covered bond rating or negatively affecting the CB Anchor and the TPI; (2) a multiple-notch downgrade of the CB Anchor; or (3) a material reduction of the value of the cover pool.

REGULATORY DISCLOSURES

For further specification of Moody's key rating assumptions and sensitivity analysis, see the sections Methodology Assumptions and Sensitivity to Assumptions in the disclosure form. Moody's Rating Symbols and Definitions can be found at: https://www.moodys.com/researchdocumentcontentpage.aspx? docid=PBC 79004.

Moody's did not use any stress scenario simulations in its analysis.

For ratings issued on a program, series, category/class of debt or security this announcement provides certain regulatory disclosures in relation to each rating of a subsequently issued bond or note of the same series, category/class of debt, security 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.

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.

The ratings have been disclosed to the rated entity or its designated agent(s) and issued with no amendment resulting from that disclosure.

These ratings are solicited. Please refer to Moody's Policy for Designating and Assigning Unsolicited Credit Ratings available on its website www.moodys.com.

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

Moody's general principles for assessing environmental, social and governance (ESG) risks in our credit analysis can be found at http://www.moodys.com/researchdocumentcontentpage.aspx?docid=PBC 1288435.

The Global Scale Credit Rating on this Credit Rating Announcement was issued by one of Moody's affiliates outside the UK and is endorsed by Moody's Investors Service Limited, One Canada Square, Canary Wharf, London E14 5FA under the law applicable to credit rating agencies in the UK. Further information on the UK endorsement status and on the Moody's office that issued the credit rating is available on www.moodys.com.

Please see www.moodys.com 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 for additional regulatory disclosures for each credit rating.

Luis Romaguera Analyst Structured Finance Group Moody's Investors Service Espana, S.A. Calle Principe de Vergara, 131, 6 Planta Madrid 28002 Spain JOURNALISTS: 44 20 7772 5456

Client Service: 44 20 7772 5454

Jose de Leon Senior Vice President/Manager Structured Finance Group JOURNALISTS: 44 20 7772 5456 Client Service: 44 20 7772 5454

Releasing Office: Moody's Investors Service Espana, S.A. Calle Principe de Vergara, 131, 6 Planta Madrid 28002 Spain JOURNALISTS: 44 20 7772 5456

Client Service: 44 20 7772 5454



© 2021 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 CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES. AND MATERIALS. PRODUCTS. SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. 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 OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER 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. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES ITS 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, ASSESSMENTS, OTHER OPINIONS, AND 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, ASSESSMENTS, OTHER OPINIONS OR 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.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND 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 its 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 CREDIT RATING, ASSESSMENT, 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 credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it fees ranging from \$1,000 to approximately \$5,000,000. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings and credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service 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.

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 credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY550.000.000.

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