

Informazione Regolamentata n. 0230-82-2018

Data/Ora Ricezione 23 Ottobre 2018 21:13:19

**MTA** 

Societa' : UNIPOLSAI

Identificativo : 109799

Informazione

Regolamentata

Nome utilizzatore : UNIPOLSAIN02 - Giay

Tipologia : 3.1

Data/Ora Ricezione : 23 Ottobre 2018 21:13:19

Data/Ora Inizio : 23 Ottobre 2018 21:13:20

Diffusione presunta

Oggetto : UNIPOL GROUP: MOODY'S LOWERS

UNIPOLSAI'S RATING TO Baa3

# Testo del comunicato

Vedi allegato.





# UNIPOL GROUP: MOODY'S LOWERS UNIPOLSAI'S RATING TO Baa3

Bologna, 23 October 2018

The rating agency Moody's, as a result of the downgrade of the Italian sovereign credit rating, has lowered the Insurer Financial Strength Rating of UnipolSai Assicurazioni S.p.A. to "Baa3" from "Baa2" and the Long-term Issuer Rating of Unipol Gruppo Finanziario down to "Ba2" from "Ba1".

At the same time, the rating agency improved the outlook for the ratings of Unipol Group, upgrading it from "Review for Downgrade" to "Stable".

The full text of the press release issued by Moody's is attached.

# Unipol Gruppo S.p.A.

Unipol is one of the main insurance groups in Europe, with total premiums of roughly €12.3bn, of which €7.9bn in Non-Life and €4.4bn in Life (figures from 2017). Unipol adopts an integrated offer strategy and covers the entire range of insurance and financial products, operating primarily through the subsidiary UnipolSai Assicurazioni S.p.A., founded at the start of 2014 and a leader in Italy in the Non-Life business, particularly MV TPL. The Group is also active in direct MV insurance (Linear Assicurazioni), transport and aviation insurance (Siat), health insurance (UniSalute) and supplementary pensions, and maintains a presence in the bancassurance channel. Lastly, it also operates in the banking realm through the network of Unipol Banca branches and manages significant diversified assets in the real estate, hotel and agricultural (Tenute del Cerro) sectors. Unipol Gruppo S.p.A. is listed on the Italian Stock Exchange.

### UnipolSai Assicurazioni S.p.A.

UnipolSai Assicurazioni S.p.A. is the insurance company of the Unipol Group, Italian leader in Non-Life Business, in particular in vehicle liability insurance. Also active in Life Business, UnipolSai has a portfolio of over 10 million customers and holds a leading position in the national ranking of insurance groups with a direct income amounting to approximately €11.1bn, of which €7.4bn in Non-Life Business and €3.7bn in Life Business (2017 figures). The company has the largest agency network in Italy, with more than 2800 insurance agencies and about 6,000 sub-agencies spread across the country. UnipolSai Assicurazioni is a subsidiary of Unipol Gruppo S.p.A. and, like the latter, is listed on the Italian Stock Exchange, being one of the most highly capitalized securities.

**Unipol Gruppo** 

Media Relations Fernando Vacarini T. +39 051 5077705 pressoffice@unipol.it Investor Relations Adriano Donati T. +39 051 5077933 investor.relations@unipol.it Barabino & Partners

Massimiliano Parboni T. +39 335 8304078 m.parboni@barabino.it Giovanni Vantaggi T. +39 328 8317379 g.vantaggi@barabino.it



Rating Action: Moody's affirms ratings on Assicurazioni Generali S.p.A, confirms Allianz S.p.A., downgrades Unipol Gruppo S.p.A.

# 23 Oct 2018

London, 23 October 2018 -- Moody's Investors Service has today taken the following rating actions on three Italian insurance groups and related entities:

- Assicurazioni Generali S.p.A: Baa1 insurance financial strength rating (IFSR) affirmed, outlook stable. Italian and French subsidiaries' IFSRs affirmed at Baa1, German subsidiaries' IFSRs affirmed at A3 -- outlooks stable
- Allianz S.p.A.: A3 IFSR confirmed, outlook changed to stable from Rating under Review
- UnipolSai Assicurazioni S.p.A.: IFSR downgraded to Baa3 from Baa2, outlook changed to stable from Rating under Review

The rating actions were prompted by the rating agency's downgrade of Italy's government bond rating from Baa2 Ratings under Review to Baa3 with a stable outlook. For further information on the sovereign rating action, please refer to Moody's press release dated 19 October 2018 (Moody's downgrades Italy's ratings to Baa3, stable outlook; https://www.moodys.com/research/--PR 390302).

Moody's considers that the above insurance companies' key credit fundamentals (asset quality, capitalisation, profitability and financial flexibility) are partly correlated with -- and thus linked to -- the economic and market conditions in Italy, where they are domiciled and have significant operations.

Moody's also notes that the IFSRs of both Allianz S.p.A. and Assicurazioni Generali S.p.A are above the sovereign rating, reflecting in the former the benefits of ownership from a strong parent (Allianz SE, Aa3 IFSR, stable) and, in the latter, the significant geographical diversification of the Generali group.

A complete list of ratings affected by these rating actions is available at the end of this press release.

# **RATINGS RATIONALE**

### --- ASSICURAZIONI GENERALI S.P.A:

The affirmation of Assicurazioni Generali S.p.A's IFSR with a stable outlook, primarily reflects the Generali group's diversification outside Italy and the improved resilience of the group to an hypothetical stress scenario on Italian assets. Assicurazioni Generali S.p.A acts both as an operating insurance company and a holding company for the Generali group.

At half-year 2018, Generali's non-Italian business accounted for 64% of the group's premiums and 62% of the group's operating results, providing significant geographic diversification outside of Italy for the group. Generali's non-Italian operations, notably the German and the French operations, which accounted for 21% and 18% of the group's gross written premiums respectively at half-year 2018, have limited direct exposure to Italy and, therefore, their stand-alone credit profile is not affected by the downgrade of the Italian sovereign. The strong geographic diversification provided by these operations outside of Italy largely contributes to the affirmation of the Generali group's ratings in spite of the downgrade of the Italian sovereign.

Generali has also been improving its resilience to an hypothetical stress scenario on Italian assets in recent years, by (1) decreasing its exposure to Italian government bonds, both on an absolute nominal value basis and as a proportion of its investments, (2) changing the business mix in life insurance with an increased weight of unit-linked policies (unit- and index-linked represented 20% of the life gross premiums written in Italy at H1 2018 vs 17% in 2015) and (3) improving its capitalisation with group regulatory and economic Solvency ratios of 201% and 221% respectively at half-year 2018 compared to 178% and 194% at YE16.

Nonetheless, Assicurazioni Generali S.p.A still has a significant exposure to Italian sovereign risk, notably through its Italian subsidiary Generali Italia S.p.A. At half-year 2018, Italian government bonds at market value represented 17% of Generali group's total investment portfolio (excluding unit-linked assets) and about 242%

of the group's reported shareholders' equity. In addition, the group sourced 36% of its gross written premiums in Italy at half-year 2018. As a result, Moody's maintains a limited notching differential between Assicurazioni Generali S.p.A's IFSR and the Italian sovereign rating, which has now increased to two notches following the downgrade of the Italian government debt, but is unlikely to exceed that amount going forward.

#### --- GENERALI ITALIA S.P.A:

The rating affirmation of Generali Italia S.p.A. --Baa1 IFSR with outlook remaining stable-- reflects the affirmation of the ratings and outlook of its parent Assicurazioni Generali S.p.A. Moody's mentions that Generali Italia's credit profile and rating benefit from implicit support from Assicurazioni Generali S.p.A.

#### --- GENERALI FRANCE:

Moody's affirmed the Baa1 IFSRs of Generali Vie and Generali IARD (collectively, "Generali France") -- the main operating companies of the Generali Group in France -- the outlook on which remains stable, reflecting the affirmation of Assicurazioni Generali S.p.A's ratings. The Baa1 IFSR of the Generali France entities reflects their good franchise in the French market, diversified business model and distribution capabilities, along with improving profitability and capitalisation. Even though Generali France has only modest direct exposure to Italian bonds or the Italian economy, Moody's believes that the credit profile of these operations are linked to, and constrained by the Generali Group overall, mainly through the Group's financial flexibility and franchise, but also our expectation that Generali France would provide support to other group entities in the event of stress.

#### --- GENERALI DEUTSCHLAND AG:

Moody's affirmed the A3 IFSRs of Generali Deutschland AG and its main operations (see list below), the outlook on which remains stable, reflecting the affirmation of Assicurazioni Generali S.p.A's ratings.

Moody's believes that Generali Deutschland's credit profile is also linked to, and constrained by the Generali Group overall. However, the IFSR of Generali Deutschland is one notch above that of Assicurazioni Generali S.p.A as Moody's believes that the potential contagion risk from the Generali Group's Italian exposure is more contained and lower for the German operations than for the French. In particular, the German operations' credit profile is protected by (1) the high proportion of business accessed through exclusive distribution arrangements with affiliated entities relative to Generali in France; and (2) sizeable capital in the form of free RfB and terminal bonus notwithstanding the agreed sale of Generali Leben which represents around 40% of this capital. Furthermore, Generali's German operations will continue to operate a multi-brand strategy albeit to a much lesser extent with the proposed merger of the AachenMuenchener and Central brands into a unified Generali brand, and Generali's German operations have limited direct exposure to Italian bonds and the Italian economy.

## --- ALLIANZ S.P.A.:

Moody's confirmed Allianz S.p.A.'s IFSR at A3 and changed the outlook to stable from Rating under Review; this concludes the review initiated on 30 May. Moody's recognises Allianz S.p.A. (Allianz Italy)'s elevated direct exposure to Italian sovereign risk in terms of both its investment portfolio (32% thereof consisting of Italian government bonds at year-end 2017) and its business profile (100% premiums and earnings sourced from Italy in 2017). However, following the downgrade of the Italian government debt, Moody's has increased to three notches from two the IFSR of Allianz Italy above the Italian sovereign rating, reflecting the expectation of parental support if required and the company's exceptional operating performance.

Allianz Italy has consistently and materially outperformed the Italian P&C market with combined ratios below 86% since 2012, which contributed to a very high 14.4% Return on Capital (5-year average basis at year-end 2017). The company is also reducing its exposure to traditional life insurance operations with premiums sourced from unit-linked business accounting for about 83% of total life premiums in 2017. The latter supports the expectation of a further decrease in exposure to Italian Government bonds in the years to come.

Allianz Italy is 100% owned by Allianz SE, which is rated Aa3 IFSR with a stable outlook. With the exception of Germany, Italy was the country generating the largest amount of gross premium written for Allianz SE in 2017, and Allianz Italy has consistently been one of Allianz group's larger contributors in terms of operating profits. As a consequence, Moody's believes that Allianz SE would very likely provide support to its Italian operations in case of need.

# --- UNIPOLSAI ASSICURAZIONI S.P.A. AND UNIPOL GRUPPO S.P.A.:

Moody's downgraded UnipolSai Assicurazioni S.p.A.'s IFSR to Baa3 from Baa2, and Unipol Gruppo S.p.A.'s senior unsecured debt rating to Ba2 from Ba1 and changed the outlooks to stable from Rating under Review; this concludes the review initiated on 30 May. The downgrade reflects the above mentioned sovereign rating action on Italy and the insurer's material direct exposure to Italian sovereign risk in terms of both investment portfolio and business profile. The stable outlook mirrors the outlook on Italy's Baa3 government bond rating. At half-year 2018, Italian government bonds represented approx. 45% (EUR 24.8 billion at book value) of Unipol Gruppo's consolidated investment portfolio and around 370% of the group reported shareholders' equity. In addition to material asset exposure to Italy, operating exposure results from UnipolSai Assicurazioni S.p.A. sourcing close to 100% of its premiums in Italy. Notwithstanding the adequate intrinsic fundamentals of the insurer, with notably a good market position and good P&C profitability in recent years, Moody's constrains the IFSR at the level of Italy's sovereign rating.

# WHAT COULD MOVE THE RATINGS UP/DOWN

#### --- ASSICURAZIONI GENERALI S.P.A

Upwards pressure could develop on Generali's ratings in case of (i) an improvement in the credit quality of Italy, as evidenced by an upgrade of Italy's sovereign rating, and (ii) a continued improvement of the group's solvency and a reduction in exposure to Italian assets.

Conversely, downwards pressure could develop in case of (i) a further deterioration in the credit quality of Italy, as evidenced by a downgrade of Italy's sovereign rating, (ii) a material deterioration of solvency or a significantly higher exposure to Italian assets, (iii) a deterioration in operating performance also resulting in a deterioration in the group's financial flexibility, or (iv) a deterioration in the cash flows at the holding, for example with a significant reduction in the cash flow coverage (available cash flows over holding interests and expenses) below 2x.

A deterioration in the stand-alone credit quality of Generali's French or German operations would also place downwards pressure on Assicurazioni Generali S.p.A and Generali Italia S.p.A.'s ratings.

## --- GENERALI ITALIA S.P.A.

Upwards pressure could develop on Generali Italia's ratings in case of an improvement in the credit profile of Generali Italia's parent company, Assicurazioni Generali, as evidenced by an upgrade of its insurance financial strength rating.

Conversely, downward pressure could develop in case of (i) a further deterioration in the credit profile of Italy, as evidenced by a downgrade of Italy's sovereign rating, which would exert pressure on the credit profile of Generali Italia's parent company, or (ii) a deterioration in the credit quality of the entire Generali group, which would reduce the support expected to be available for Generali Italia in stress scenarios.

# --- GENERALI FRANCE

Upwards pressure could develop on Generali France's ratings in case of an improvement in the credit profile of Generali France's parent company, Assicurazioni Generali S.p.A, as evidenced by an upgrade of its insurance financial strength rating.

Conversely, downward pressure could develop in case of (i) a further deterioration in the credit profile of Italy, as evidenced by a downgrade of Italy's sovereign rating or (ii) a weakening of the stand-alone business profile as evidenced by a substantial erosion of Generali's market position in France, a higher business risk profile, a material deterioration in operating performance or a weaker solvency position of Generali France.

# --- GENERALI DEUTSCHLAND

Upwards pressure could develop on Generali Deutschland's ratings in case of an improvement in the credit profile of Generali Deutschland's parent company, Assicurazioni Generali S.p.A, as evidenced by an upgrade of its insurance financial strength rating.

Conversely, downward pressure could develop in case of (i) a further deterioration in the credit profile of Italy, as evidenced by a downgrade of Italy's sovereign rating, or (ii) a deterioration of solvency and operating performance of the operating companies in Germany.

#### --- ALLIANZ S.P.A.

Upwards pressure could develop on Allianz S.p.A.'s ratings in case of an improvement in the credit quality of Italy, as evidenced by an upgrade of Italy's sovereign rating.

Conversely, downwards pressure could develop in case of (i) a further deterioration in the credit quality of Italy, as evidenced by a downgrade of Italy's sovereign rating, (ii) a change in the strategic importance of the company within the Allianz group or (iii) a material deterioration in company earnings, operating performance or capitalisation levels.

# --- UNIPOLSAI ASSICURAZIONI S.P.A. AND UNIPOL GRUPPO S.P.A.:

Upwards pressure could develop on UnipolSai Assicurazioni S.p.A.'s and Unipol Gruppo S.p.A.'s ratings in case of an improvement in the credit quality of Italy, as evidenced by an upgrade of Italy's sovereign rating.

Conversely, downwards pressure could develop in case of (i) a further deterioration in the credit quality of the Italian sovereign, as evidenced by a downgrade of Italy's sovereign rating (ii) any significant loss of market share, or (iii) a material deterioration in earnings, operating performance or capitalisation levels, or (iv) any significant increase in asset impairments or expenses, including in case of unfavourable resolution of pending legal trials.

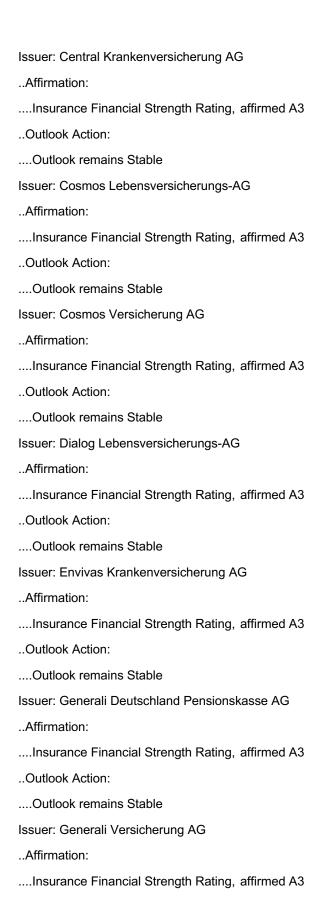
LIST OF AFFECTED RATINGS
Issuer: Allianz S.p.A.
Confirmation:
Insurance Financial Strength Rating, confirmed A3
Outlook Action:
Outlook changed to Stable from Rating under Review
Issuer: Unipol Gruppo S.p.A.
Downgrades:
Long-term Issuer Rating, downgraded to Ba2 from Ba1
Senior Unsecured Regular Bond/Debenture, downgraded to Ba2 from Ba1
Senior Unsecured Medium-Term Note Program, downgraded to (P)Ba2 from (P)Ba1
Outlook Actions:
Outlook changed to Stable from Rating under Review
Issuer: UnipolSai Assicurazioni S.p.A.
Downgrades:
Insurance Financial Strength Rating, downgraded to Baa3 from Baa2
Senior Unsecured Medium-Term Note Program, downgraded to (P)Ba1 from (P)Baa3
Subordinate Regular Bond/Debenture, downgraded to Ba2(hyb) from Ba1(hyb)
Subordinate Medium-Term Note Program, downgraded to (P)Ba2 from (P)Ba1
Junior Subordinated Regular Bond/Debenture, downgraded to Ba3(hyb) from Ba2(hyb)
Outlook Actions:

....Outlook changed to Stable from Rating under Review

Issuer: Unipol Assicurazioni S.p.a.

.Downgrades:
Backed Subordinate Regular Bond/Debenture, downgraded to Ba2(hyb) from Ba1(hyb)
.No Outlook assigned
ssuer: Assicurazioni Generali S.p.A
.Affirmations:
Insurance Financial Strength Rating, affirmed Baa1
Senior Unsecured Regular Bond/Debenture, affirmed Baa2
Senior Unsecured Medium-Term Note Program, affirmed (P)Baa2
Senior Subordinated Regular Bond/Debenture, affirmed Baa3(hyb)/Baa3
Senior Subordinate Medium-Term Note Program, affirmed (P)Baa3
Junior Subordinated Regular Bond/Debenture, affirmed Ba1(hyb)
Preferred Stock, affirmed Ba1(hyb)
.Outlook Action:
Outlook remains Stable
ssuer: Generali Deutschland AG
.Affirmation:
Insurance Financial Strength Rating, affirmed A3
.Outlook Actions:
Outlook remains Stable
ssuer: AachenMuenchener Lebensversicherung AG
.Affirmation:
Insurance Financial Strength Rating, affirmed A3
.Outlook Action:
Outlook remains Stable
ssuer: AachenMuenchener Versicherung AG
.Affirmation:
Insurance Financial Strength Rating, affirmed A3
.Outlook Action:
Outlook remains Stable
ssuer: Advocard Rechtschutzversicherung AG
.Affirmation:
Insurance Financial Strength Rating, affirmed A3
.Outlook Action:

....Outlook remains Stable



Outlook Action:
Outlook remains Stable
Issuer: Generali IARD
Affirmation:
Insurance Financial Strength Rating, affirmed Baa1
Outlook Action:
Outlook remains Stable
Issuer: Generali Vie
Affirmation:
Insurance Financial Strength Rating, affirmed Baa1
Outlook Action:
Outlook remains Stable

- .. Affirmation:
- ....Insurance Financial Strength Rating, affirmed Baa1
- ..Outlook Actions:
- ....Outlook remains Stable

Issuer: Generali Italia S.p.A.

#### PRINCIPAL METHODOLOGIES

The principal methodologies used in rating Allianz S.p.A., Unipol Gruppo S.p.A., UnipolSai Assicurazioni S.p.A., Unipol Assicurazioni S.p.A., Assicurazioni Generali S.p.A., Generali Deutschland AG and Generali Italia S.p.A. were Life Insurers published in May 2018, and Property and Casualty Insurers published in May 2018. The principal methodology used in rating AachenMuenchener Lebensversicherung AG, Cosmos Lebensversicherungs-AG, Dialog Lebensversicherungs-AG, Generali Deutschland Pensionskasse AG and Generali Vie was Life Insurers published in May 2018. The principal methodology used in rating AachenMuenchener Versicherung AG, Advocard Rechtschutzversicherung AG, Central Krankenversicherung AG, Cosmos Versicherung AG, Envivas Krankenversicherung AG, Generali Versicherung AG and Generali IARD was Property and Casualty Insurers published in May 2018. Please see the Rating Methodologies page on www.moodys.com for a copy of these methodologies.

# REGULATORY DISCLOSURES

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.

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.

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

The below contact information is provided for information purposes only. Please see the ratings tab of the issuer page at www.moodys.com, for each of the ratings covered, Moody's disclosures on the lead rating analyst and the Moody's legal entity that has issued the ratings.

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.

Dominic Simpson VP - Senior Credit Officer Financial Institutions Group Moody's Investors Service Ltd. One Canada Square Canary Wharf London E14 5FA United Kingdom JOURNALISTS: 44 20 7772 5456 Client Service: 44 20 7772 5454

Antonello Aquino Associate Managing Director Financial Institutions Group JOURNALISTS: 44 20 7772 5456 Client Service: 44 20 7772 5454

Releasing Office:
Moody's Investors Service Ltd.
One Canada Square
Canary Wharf
London E14 5FA
United Kingdom
JOURNALISTS: 44 20 7772 5456
Client Service: 44 20 7772 5454

MOODY'S INVESTORS SERVICE

© 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 <a href="https://www.moodys.com">www.moodys.com</a> 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.

Fine Comunicato	n.0230-82
-----------------	-----------

Numero di Pagine: 13