

Sparebanken Sor Boligkreditt AS - Mortgage Covered Bonds

Covered Bonds / Norway

Contacts

Paul Millon - +44 (207) 772-1379 - Paul Millon@moodys.com Emiliya James - +91 (806) 885-8956 - Emiliya.James@moodys.com

Monitor.CB@moodys.com

London: +44 20 7772-5454, csdlondon@moodys.com



Click on the icon to download data into Excel & to see Glossary of terms used Click here to access the covered bond programme webpage on moodys.com

Reporting as of:

Client Service Desk

Monitoring

30/09/2024

All amounts in NOK (unless otherwise specified)

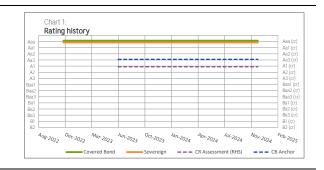
For information on how to read this report, see the latest Moody's Covered Bonds Sector Update

Data as provided to Moody's Investors Service (note 1)

I. Programme Overview

Overview		
Year of initial rating assignment:		2011
Total outstanding liabilities:	NOK 52,156,750,0	000
Total assets in the Cover Pool:	NOK 60,290,099,4	463
Issuer name / CR Assessment:	Sparebanken Sør Boligkreditt AS / A	1(cr)
Group or parent name / CR Assessment:	Sparebanken Sør / A7	1(cr)
Main collateral type:	Resider	ntial

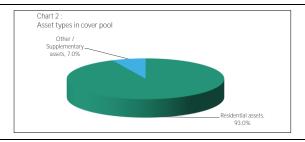
Ratings	
Covered bonds rating:	Aaa
Entity used in Moody's EL & TPI analysis:	Sparebanken SOR Boligkreditt AS
CB anchor:	Aa3
CR Assessment:	A1(cr)
Adjusted BCA / SUR:	n/a / n/a
Unsecured claim used for Moody's EL analysis:	Yes



II. Value of the Cover Pool

Collateral quality	
Collateral Score:	4.0%
Collateral Score excl. systemic risk:	4.0%

COVEL 1 001 103363		
Collateral Risk (Collateral Score post-haircut):	2.7%	32%
Market Risk:	5.8%	68%
	8.5%	100%



III. Over-Collateralisation Levels

(notes 2 & 3)

Over-Collateralisation (OC) figures presented below can include Eligible and Non-Eligible collateral.

Over-Collateralisation levels are provided on nominal basis

Current situation	
Committed OC (Nominal):	5.0%
Current OC:	15.6%
OC consistent with current rating (note 4)	0.5%

Sensitivity scenario CB anchor

	OC consistent with current rating	
Scenario 1: CB anchor is lowered by	1 notch	2.0%

IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):	High
TPI Leeway:	4

Extract from TPI table

CB Anchor	High
Aaa	Aaa
Aa1	Aaa
Aa2	Aaa
Aa3	Aaa
A1	Aaa
A2	Aaa
A3	Aaa
Baa1	Aaa
Baa2	Aa1

Legal framework

Does a specific covered bond law apply for this programme:	Yes
Main country in which collateral is based:	Norway
Country in which issuer is based:	Norway

Timely principal payments

Maturity type:	Soft Bullet
Committed liquidity reserve for principal amount of all hard bullet bonds	to be
funded at least 180 days before maturity:	n/a
Committed liquidity reserve for principal amount of all soft bullet bonds	to be
funded at least 180 days before initial maturity:	No
`	

(note 1) The data reported in this PO is based on information provided by the issuer and may include certain assumptions made by Moody's. Moody's accepts no responsibility for the information provided to it and, whilst it believes the assumptions it has made are reasonable, cannot

(note 1) The data reported in this PO is based on information provided by the issuer and may include certain assumptions made by Moody's Moody's accepts no responsibility for the information provided to it and, whilst it believes the assumptions it has make are reasonable, cannot guarantee that they are or will remain accurate. Although Moody's encourages all issuers to provide reporting data in a consistent manner, there may be differences in the way that certain data is categorised by issuers. The data reporting template (which save are requested to use) is available on request. Credit ratings, PTI and TPI Leeway shown in this PO are as of publication date.

(note 2) This assumes the Covered Bonds rating is not constrained by the PTI. Also to the extent rating assumptions change following a downgrade or an upgrade of the issuer, the necessary OC stated here may also change. This is especially significant in the case of CR assessments of A3(cr) or Baa1(cr), as the necessary OC following a 1 note how the data reported by the PTI. Also to the extent rating assumptions change following a downgrade or an upgrade of the issuer, the necessary OC stated here may also change. This is especially significant in the case of CR assessments of A3(cr) or Baa1(cr), as the necessary OC following a 1 note of Collowing and the Collowing and Coll

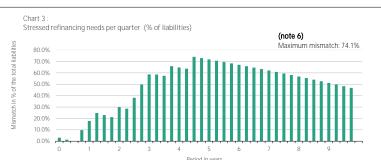
Sparebanken Sor Boligkreditt AS - Mortgage Covered Bonds

COVERED BONDS

V. Asset Liability Profile

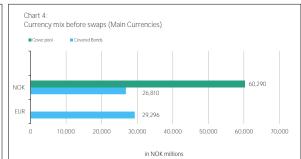
Interest Rate & Duration Mismatch (note 5)

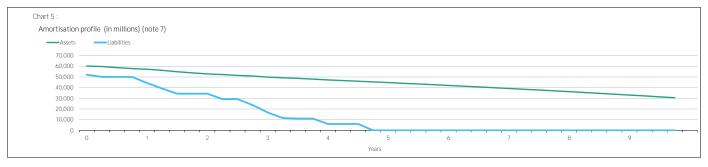
interest rate & Paration Mismatch (note o)	
Fixed rate assets in the cover pool:	0.0%
Fixed rate covered bonds outstanding:	53.1%
WAL of outstanding covered bonds:	2.5 years
WAL of the cover pool-	Q 3 years



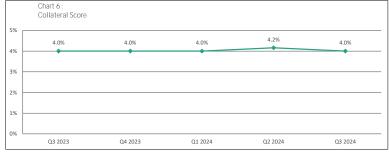
Swap Arrangements

Interest rate swap(s) in the Cover Pool:	Yes
Intra-group interest rate swap(s) provider(s):	No
Currency swap(s) in the Cover Pool:	Yes
Intra-group currency swap(s) provider(s):	No

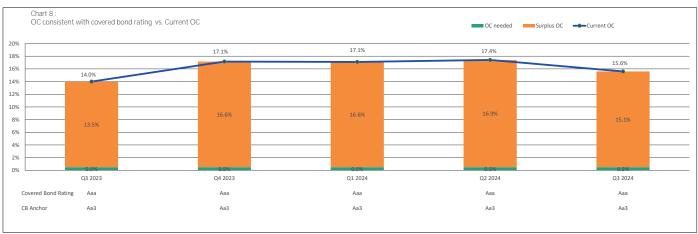




VI. Performance Evolution







This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the issuer/deal page on https://traitops.moodys.com for the most updated credit rating action information and rating history.

COVERED BONDS

VII. Cover Pool Information - Residential Assets

Overview

Asset type:	Residential
Asset balance:	56,090,099,463
Average loan balance:	1,530,551
Number of loans:	36,647
Number of borrowers:	31,106
Number of properties:	33,839
WA remaining term (in months):	194
WA seasoning (in months):	46

Details on LTV

WA unindexed LTV: Whole Loan / Senior Loan (*)	65.2% / 60.6%
WA Indexed LTV: Whole Loan / Senior Loan:	56.5% / 51.4%
Valuation type:	Market Value
LTV threshold:	n/d
Junior ranks:	4.6%
Loans with Prior Ranks:	4.0%

Junior ranks are qual to the delta between unindexed whole loan WA LTV (including internal junior ranks) and unindexed senior loan WA LTV (excluding Internal junior ranks).

Unindexed LTV on whole loan basis includes junior ranks at parent bank level. Indexed LTV on senior loan basis as in cover pool.

Specific Loan and Borrower characteristics

Loans with an external guarantee in addition to a mortgage:	0.0%
Interest only Loans / Flex Loans	4.1% / 23.6%
Loans for second homes / Vacation:	0.0%
Buy to let loans / Non owner occupied properties:	2.2%
Limited income verified:	n/a
Adverse credit characteristics	n/a

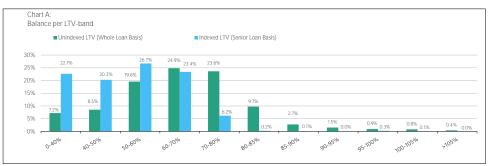
AUVESTS or current conditions with a function of the following the following the following the following flexible and the following flexible and the following flexible and the following flexible and followi

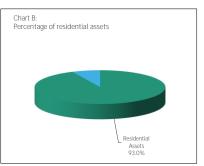
Performance

Loans in arrears (≥ 2months - < 6months):	0.1%
Loans in arrears (≥ 6months - < 12months):	0.0%
Loans in arrears (≥ 12months):	0.0%
Loans in a foreclosure procedure:	0.0%

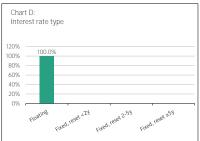
Multi-Family Properties

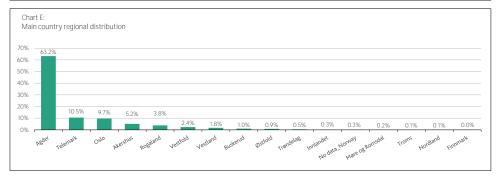
Loans to tenants of tenant-owned Housing Cooperatives:	0.0%
Other type of Multi-Family loans (**)	0.0%

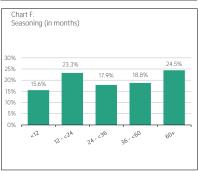












MOODY'S INVESTORS SERVICE COVERED BONDS

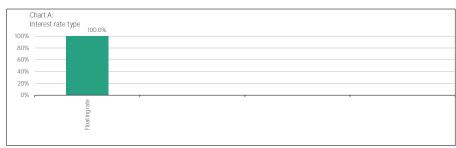
VIII. Cover Pool Information - Supplementary Assets

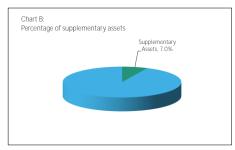
Overview

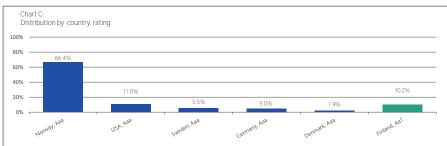
Asset type:	Supplementary Assets
Asset balance:	4,200,000,000
WA remaining Term (in months):	19
Number of assets:	18
Number of borrowers:	12
Average assets size:	233,333,333
Average exposure to borrowers:	350,000,000

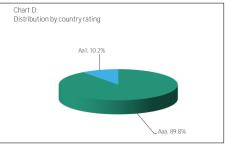
Specific Loan and Borrower characteristics

100.0%
0.0%
100.0%
0.0%
0.0%
0.0%
0.0%
0.0%









MOODY'S INVESTORS SERVICE COVERED BONDS

IX. Swap Information

Counterparty		ype	Notional Amount	Collateral trigger	Replacement Trigger
Total		otal	25,846,750,000		
	Cu	rency	25,346,750,000		
	Inte	est rate	500,000,000		
DNB Bank ASA	Su	btotal	9,151,000,000		
	Cu	rency	8,701,000,000	A2	A3
	Inte	est rate	450,000,000	A2	A3
SEB	Su	btotal	6,550,750,000		
	Cu	rency	6,550,750,000	A3(cr)	Baa1(cr)
	Inte	est rate	=		
Danske bank	Su	btotal	5,127,500,000		
	Cu	rency	5,127,500,000	A3(cr)	Baa1(cr)
	Inte	est rate	=		
Swedbank	Su	btotal	5,017,500,000		
	Cu	rency	4,967,500,000	A3(cr)	Baa1(cr)
	Inte	est rate	50,000,000	A2	A3
	<u> </u>		<u> </u>		·
		·			
	·		·		

X. Liabilities Information: Last 50 Issuances

NO0013214841 SORB33 NOK 6,000,000,000 23/04/2024 23/05/2029 23/05/2030 Floating rate Nibor 3 mnd + 47 bps Soft Bu XS2555209381 n/d EUR 500,000,000 14/11/2022 14/11/2026 Fixed rate 3:125% Soft Bu NO0012535824 SORB32 NOK 5,500,000,000 31/05/2022 31/05/2023 13/05/2028 Floating rate Nibor 3 mnd + 53 bps Soft Bu XS2389362687 n/d EUR 500,000,000 24/09/2021 25/09/2028 25/09/2029 Fixed rate 0.010% Soft Bu NO001002529 SORB31 NOK 7,000,000,000 22/06/2021 22/09/2027 20/09/2028 Floating rate Nibor 3 mnd + 75 bps Soft Bu XS2291901994 n/d EUR 500,000,000 28/01/2021 28/01/2028 28/01/2029 Fixed rate 0.010% Soft Bu NO0010882632 SORB30 NOK 2,060,000,000 19/05/2020 19/11/2024 19/11/2025 Floating rate Nibor 3 mnd + 40 bps Soft Bu <	ISIN	Series Number	Currency	Outstanding Amount	Issuance Date	Expected Maturity	Extended Maturity	Interest Rate Type	Coupon	Principa Paymen
XS2555209381 n/d EUR 500,000,000 14/11/2022 14/11/2025 14/11/2026 Fixed rate 3.125% Soft Bu NO0012535824 SORB32 NOK 5,500,000,000 31/05/2022 31/05/2028 Floating rate Nibor 3 mnd + 53 bps Soft Bu XS2389362687 n/d EUR 500,000,000 24/09/2021 25/09/2028 25/09/2029 Fixed rate 0.010% Soft Bu NO0011002529 SORB31 NOK 7,000,000,000 20/06/2021 20/09/2027 20/09/2028 Floating rate Nibor 3 mnd + 75 bps Soft Bu XS2291901994 n/d EUR 500,000,000 28/01/2021 28/01/2028 28/01/2029 Fixed rate 0.010% Soft Bu NO0010882632 SORB30 NOK 2,060,000,000 28/01/2021 28/01/2028 28/01/2025 Floating rate Nibor 3 mnd + 40 bps Soft Bu XS2069304033 n/d EUR 500,000,000 26/10/2026 26/10/2026 26/10/2027 Fixed rate 0.010% Soft Bu XS1947556403										
NO0012535824 SORB32 NOK 5,500,000,000 31/05/2022 31/05/2027 31/05/2028 Floating rate Nibr 3 mnd + 53 bps Soft Bu X52389362687 n/d EUR 500,000,000 24/09/2021 25/09/2029 Fixed rate 0.010% Soft Bu NO0011002529 SORB31 NOK 7,000,000,000 20/06/2021 20/09/2027 20/09/2028 Floating rate Nibor 3 mnd + 75 bps Soft Bu X52291901994 n/d EUR 500,000,000 28/01/2021 28/01/2028 28/01/2029 Fixed rate 0.010% Soft Bu NC0010882632 SORB30 NOK 2,060,000,000 19/05/2020 19/11/2024 19/11/2025 Floating rate Nibor 3 mnd + 40 bps Soft Bu X52069304033 n/d EUR 500,000,000 26/10/2019 26/10/2027 Fixed rate 0.010% Soft Bu X51947550403 n/d EUR 500,000,000 26/0/2019 06/02/2026 26/10/2027 Fixed rate 0.500% Soft Bu NO0010832637 SORB28										
XS2389362687 n/d EUR 500,000,000 24/09/2021 25/09/2028 25/09/2029 Fixed rate 0.010% Soft Bu NOO011002529 SORB31 NOK 7,000,000,000 20/06/2021 20/09/2022 20/09/2028 Floating rate Nibot 3 mnd + 75 bps Soft Bu XS2291901994 n/d EUR 500,000,000 28/01/2021 28/01/2028 28/01/2028 Floating rate 0.010% Soft Bu NO0010882632 SORB30 NOK 2,060,000,000 19/05/2020 19/11/2024 19/11/2025 Floating rate Nibot 3 mnd + 40 bps Soft Bu XS2069304033 n/d EUR 500,000,000 26/10/2019 26/10/2027 Fixed rate 0.010% Soft Bu XS1947550403 n/d EUR 500,000,000 06/02/2026 06/02/2027 Fixed rate 0.500% Soft Bu NOO10832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
NO0011002529 SORB31 NOK 7,000,000,000 20/06/2021 20/09/2027 20/09/2028 Floating rate Nibor 3 mnd + 75 bps Soft Bu XS2291901994 n/d EUR 500,000,000 28/01/2021 28/01/2029 Eixed rate 0.010% Soft Bu NO0010882632 SORB30 NOK 2,060,000,000 19/05/2020 19/11/2024 19/11/2025 Floating rate Nibor 3 mnd + 40 bps Soft Bu XS2069304033 n/d EUR 500,000,000 26/10/2019 26/10/2026 26/10/2027 Fixed rate 0.010% Soft Bu XS1947550403 n/d EUR 500,000,000 6/02/2019 66/02/2026 66/02/2027 Fixed rate 0.500% Soft Bu NO0010832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
XS2291901994 n/d EUR 500,000,000 28/01/2021 28/01/2028 28/01/2029 Fixed rate 0.010% Soft Bu NO0010882632 SORB30 NOK 2,060,000,000 19/05/2020 19/11/2024 19/11/2025 Floating rate Nibor 3 mnd + 40 bps Soft Bu XS2069304033 n/d EUR 500,000,000 26/10/2019 26/10/2026 26/10/2027 Fixed rate 0.010% Soft Bu XS19473550403 n/d EUR 500,000,000 06/02/2019 06/02/2026 06/02/2027 Fixed rate 0.500% Soft Bu NO0010832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
NO0010882632 SORB30 NOK 2,060,000,000 19/05/2020 19/11/2024 19/11/2025 Floating rate Nibor 3 mnd + 40 bps Soft Bu XS2069304033 n/d EUR 500,000,000 26/10/2019 26/10/2027 Ever drate 0.010% Soft Bu XS1947550403 n/d EUR 500,000,000 06/02/2019 06/02/2026 06/02/2027 Fixed rate 0.500% Soft Bu NO010832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
XS2069304033 n/d EUR 500,000,000 26/10/2019 26/10/2026 26/10/2027 Fixed rate 0.010% Soft Bu XS1947550403 n/d EUR 500,000,000 06/02/2019 06/02/2026 06/02/2027 Fixed rate 0.500% Soft Bu NO0010832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
XS1947550403 n/d EUR 500,000,000 06/02/2019 06/02/2026 06/02/2027 Fixed rate 0.500% Soft Bu NO0010832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
NO0010832637 SORB28 NOK 5,750,000,000 24/09/2018 24/09/2025 24/09/2026 Floating rate Nibor 3 mnd + 43 bps Soft Bu										
										Soft Bull

DDY'S INVESTORS SERVICE COVERED

© 2024 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 OR OTHERWISE MADE AVAILABLE BY MOODY'S (COLLECTIVELY, "MATERIALS") 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 DELIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS, CREDIT RATINGS, DONO-TADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT RATINGS, ADEAD AND ATTERIALS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OF RINANCIAL ADVICE, AND MODODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR PRINANCIAL ADVICE, AND MODODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS AND AND PUBLISHES OR OTHERWISE MAKES AVAILABLE ITS MATERIALS WHITH THE EXPECTATION AND MUDRESTANDING, OR SALE

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND MATERIALS 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 MATERIALS 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 RESOID, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOFVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT. FOR CLARITY, NO INFORMATION CONTAINED HEREIN MAY BE USED TO DEVELOP, IMPROVE, TRAIN OR RETRAIN ANY SOFTWARE PROGRAM OR DATABASE, INCLUDING, BUT NOT LIMITED TO, FOR ANY ARTIFICIAL INTELLIGENCE, MACHINE LEARNING OR NATURAL LANGUAGE PROCESSING SOFTWARE, ALGORITHM, METHODOLOGY AND/OR MODEL.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS 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 credit rating process or in preparing its Materials.

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 incidential 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. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings and credit ratings from Moody's Investors Service, inc. and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at wav.moody.com under the heading "Investor Relations — Corporate Governance — Charter Documents - Director and Shareholder Affiliation Policy."

Moody's SF Japan K.K., Moody's Local AR Agente de Calificación de Riesgo S.A., Moody's Local BR Agência de Classificação de Risco LTDA, Moody's Local MX S.A. de C.V, I.C.V., Moody's Local PE Clasificadora de Riesgo S.A., and Moody's Local PA Calificadora de Riesgo S.A. (collectively, the "Moody's Non-NRSRO CRAs") are all indirectly wholly-owned credit rating agency subsidiaries of MCO. None of the Moody's Non-NRSRO CRAs is a Nationally Recognized Statistical Rating Organization.

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 383559 (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 India only: Moody's credit ratings, Assessments, other opinions and Materials are not intended to be and shall not be relied upon or used by any users located in India in relation to securities listed or proposed to be listed on Indian stock exchanges

Additional terms with respect to Second Party Opinions (as defined in Moody's Investors Service Rating Symbols and Definitions): Please note that a Second Party Opinion ("SPO") is not a "credit rating". The issuance of SPOs is not a regulated activity in many jurisdictions, including Singapore. JAPAN: In Japan, development and provision of SPOs fall under the category of "Ancillary Businesses", not "Credit Rating Business", and are not subject to the regulations applicable to "Credit Rating Business" under the Financial Instruments and Exchange Act of Japan and Its relevant regulation. PRC: Any SPO; (1) does not constitute a PRC Green Bond Assessment as defined under any relevant PRC laws or regulations; (2) cannot be included in any registration statement, offering circular, prospectus or any other documents submitted to the PRC regulatory authorities or otherwise used to satisfy any PRC regulatory disclosure requirement: and (3) cannot be used within the PRC for any regulatory purpose or for any other purpose which is not permitted under relevant PRC laws or regulations. For the purposes of this disclaimer, "PRC" refers to the mainland of the People's Republic of China, excluding Hong Kong, Macau and Taiwan.

