

NORD/LB Luxembourg S.A. Covered Bond Bank - Public-Sector Covered Bonds

Covered Bonds / Luxembourg

Lenhard, Martin - +49 (697) 073-0743 - Martin.Lenhard@moodys.com Contacts

Veasey, Isabelle - +44 (207) 772-1389 - Isabelle.Veasey@moodys.com

All amounts in EUR (unless otherwise specified)

Monitoring Monitor.CB@moodys.com

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

30/09/2021

into Excel & to see Glossary of terms used Click <u>here</u> to access the covered bond programme webpage on moodys.com

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

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

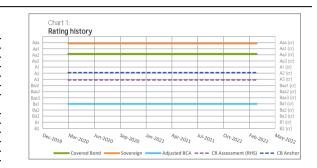
I. Programme Overview

Reporting as of:

Overview		
Year of initial rating assignment:		2017
Total outstanding liabilities:	EUR	3,483,141,895
Total assets in the Cover Pool:	EUR	4,472,602,064
Issuer name / CR Assessment:	NORD/LB Luxembourg S.A. Covered	d Bond Bank / A3(cr)
Group or parent name / CR Assessment:	Norddeutsche Lan	desbank GZ / A3(cr)
Main collateral type:		Public Sector

Ratings

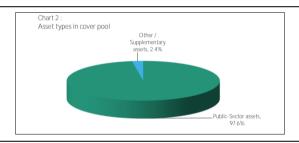
Covered bonds rating:	Aa2
Entity used in Moody's EL & TPI analysis:	NORD/LB Luxembourg S.A. Covered Bond Bank
CB anchor:	A2
CR Assessment:	A3(cr)
Adjusted BCA / SUR:	ba1 / n/a
Unsecured claim used for Moody's FL analysis:	Yes



II. Value of the Cover Pool

Collateral quality		
Collateral Score:	18.8%	
Collateral Score excl. systemic risk:	n/a	

Cover Pool losses		
Collateral Risk (Collateral Score post-haircut):	9.4%	32%
Market Risk:	19.5%	68%
	28.9%	100%



III. Over-Collateralisation Levels

Over-Collateralisation (OC) figures presented below include Eligible only collateral Over-Collateralisation levels are provided on nominal basis

Current situation

27.6%
5.5%

The OC consistent with the covered bond rating is maintained by the issuer on a nominal basis and a NPV basis

Sensitivity scenario CB anchor

OC consistent with current rating			
	15.5%	1 notch	Scenario 1: CB anchor is lowered by
	15.5%	1 notch	Scenario 1: CB anchor is lowered by

IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):	Probable
TPI Leeway:	3

Extract from TPI table

CB Anchor	Probable
Aa2	Aaa
Aa3	Aaa
A1	Aaa
A2	Aaa
A3	Aaa
Baa1	Aa1
Baa2	Aa2
Baa3	A1

Legal framework

Does a specific covered bond law apply for this programme:	Yes, Luxembourg Covered Bond Law
Main country in which collateral is based:	Various
Country in which issuer is based:	Luxembourg

Timely payment

Refinancing period for principal payments of 6 months or greater:	No
Liquidity reserve to support timely payments on all issuances:	Yes
Principal Payment	Hard Bullet

(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 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 Issuers are requested to use) is available on request. Credit ratings, TPI and TPI Leeway shown in this PO are as of publication date. (note 2) This assumes the Covered Bondox fating is not constrained by the TPI. 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(a') or Baa1(n), as the necessary OC following a 1 notch downgrade may then be substantially higher than the amount suggested here as market risks are considered more critically by Moody's at this time. In any event, the necessary OC amounts stated here are subject to change at anytime at Moody's distriction.

discretion.
(note 3) This is the minimum OC calculated to be consistent with the current rating under Moody's expected loss model. However, the level of OC consistent with a given rating level may differ from this amount where ratings are capped under the TPI framework and, for example, where

committee discretion is applied.

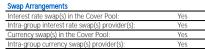
(note 4) The OC consistent with the current rating is the minimum level of over-collateralisation which is necessary to support the covered bond rating at its current level on the basis of the pool as per the cut-off date. The sensitivity run is based on certain assumptions, including that the Covered Bonds rating is not constrained by the TPI. Further, this sensitivity run is a model output only and therefore a simplification as it does not take into account certain assumptions that may change as an issuer is downgraded, and as a result the actual OC number consistent with the cu rating may be higher than shown. The OC required may also differ from the model output in situations when committee discretion is applied. In any event, the OC amounts stated here are subject to change at any time at Moody's discretion.

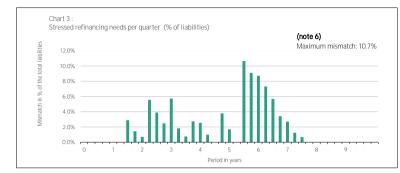
MOODY'S INVESTORS SERVICE COVERED BONDS

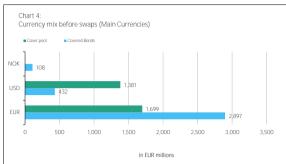
V. Asset Liability Profile

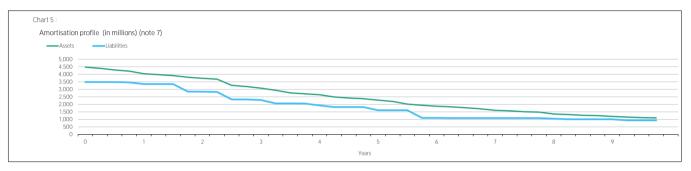
Interest Rate & Duration Mismatch (note 5)

Fixed rate assets in the cover pool:	57.0%
Fixed rate covered bonds outstanding:	100.0%
WAL of outstanding covered bonds:	6.8 years
WAL of the cover pool:	6.8 years

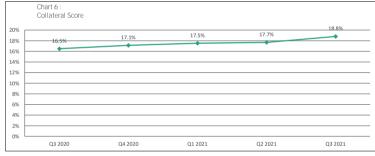


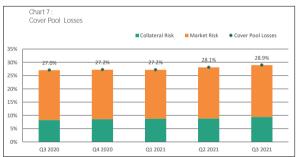


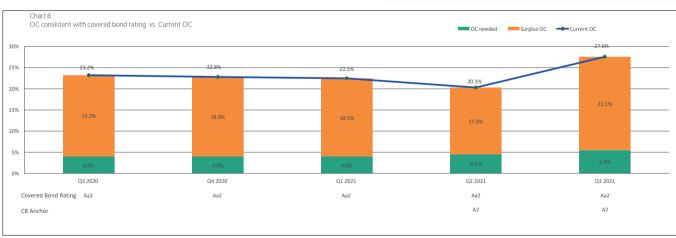




VI. Performance Evolution







This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on www.moodys.com for the most updated credit rating action information and

MOODY'S INVESTORS SERVICE COVERED BONDS

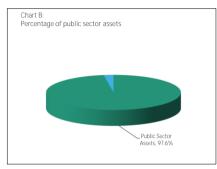
VII. Cover Pool Information - Public Sector Assets

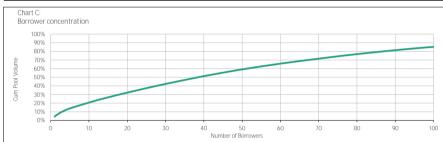
Asset type:	Public Sector
Asset balance:	4,367,102,064
WA remaining Term (in months):	127
Number of borrowers:	196
Number of loans / bonds:	346
Exposure to the 10 largest borrowers:	23.9%
Average exposure to borrowers:	22 281 133

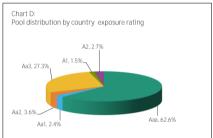
Specific Loan and Borrower characteristics

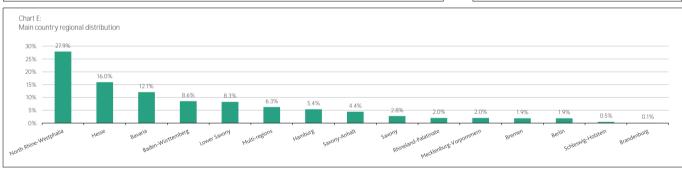
Repo eligible loans / bonds:	43.1%
Percentage of fixed rate loans / bonds:	55.9%
Percentage of bullet loans/ bonds:	25.0%
Loans / bonds in non-domestic currency:	63.5%
Performance	
Loans / bonds in arrears (≥ 2months - < 6months):	0.0%
Loans / bonds in arrears (≥ 6months - < 12months):	0.0%
Loans / bonds in arrears (≥ 12months):	0.0%
Loans / bonds in a foreclosure procedure:	0.0%

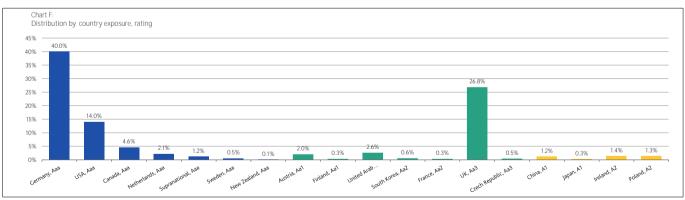
	UK	Germany	USA	Other	Totals
Direct claim against supranational	0.0%	0.0%	0.0%	0.9%	0.9%
Direct claim against sovereign	0.0%	0.0%	0.0%	2.2%	2.2%
Loan with guarantee of sovereign	0.0%	0.4%	0.0%	0.0%	0.4%
Direct claim against region/federal state	0.0%	0.7%	0.0%	1.7%	2.4%
Loan with guarantee of region/federal state	0.0%	0.5%	0.0%	3.1%	3.7%
Direct claim against municipality	0.0%	0.4%	0.3%	0.4%	1.1%
Loan with guarantee of municipality	0.0%	0.0%	7.6%	0.3%	7.9%
Others	28.2%	23.4%	15.8%	13.9%	81.4%
	28.2%	25.5%	23.7%	22.6%	











MOODY'S INVESTORS SERVICE COVERED BONDS

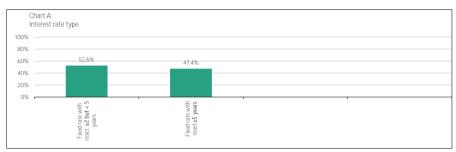
VIII. Cover Pool Information - Supplementary Assets

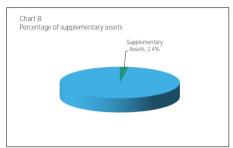
Overview

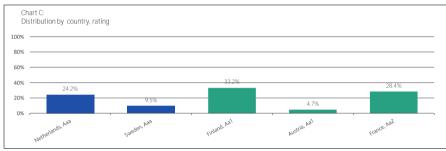
Asset type:	Supplementary Assets			
Asset balance:	105,500,000			
WA remaining Term (in months):	60			
Number of assets:	7			
Number of borrowers:	7			
Average assets size:	15,071,429			
Average exposure to borrowers:	15.071.429			

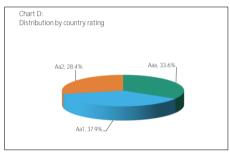
Specific Loan and Borrower characteristics

Repo eligible assets:	100.0%
Percentage of fixed rate assets:	100.0%
Percentage of bullet assets:	100.0%
Assets in non-domestic currency:	0.0%
Performance	
Assets in arrears (≥ 2months - < 6months):	0.0%
Assets in arrears (≥ 6months - < 12months):	0.0%
Assets in arrears (> 12months):	0.0%
Assets in a enforcement procedure:	0.0%









MOODY'S INVESTORS SERVICE COVERED BONDS

IX. Swap Information

Counterparty	Туре	Notional Amount	Collateral trigger	Replacement Trigger
Total	Total	3,676,108,576		
	Currency	1,979,637,075		
	Interest rate	1,696,471,501		
Norddeutsche Landesbank GZ	Subtotal	3,676,108,576		
	Currency	1,979,637,075	n/d	n/d
	Interest rate	1,696,471,501	n/d	n/d

X. Liabilities Information: Last 50 Issuances

	Series		Outstanding	Issuance	Expected	Extended	Interest Rate		Principal
ISIN	Number	Currency	Amount	Date	Maturity	Maturity	Type	Coupon	Payment
XS2152066960	EMTN Series 117	USD	200,000,000	08/02/2021	20/11/2024	20/11/2024	Fixed rate	0.750%	Hard Bullet
XS2299136205	EMTN Series 118	USD	125,000,000	08/02/2021	10/08/2026	10/08/2026	Fixed rate	1.125%	Hard Bullet
XS2299136460	EMTN Series 119	USD	100,000,000	08/02/2021	07/08/2025	07/08/2025	Fixed rate	0.875%	Hard Bullet
XS2186093410	EMTN Series 116	EUR	500,000,000	10/06/2020	10/06/2027	10/06/2027	Fixed rate	0.010%	Hard Bullet
XS2113935212	EMTN Series 113	EUR	12.000.000	07/02/2020	30/09/2037	30/09/2037	Fixed rate	0.542%	Hard Bullet
XS1959949196	EMTN Series 110	EUR	500,000,000	07/03/2019	07/03/2024	07/03/2024	Fixed rate	0.375%	Hard Bullet
XS1734579441	EMTN Series 100	EUR	25,000,000	13/12/2017	13/12/2024	13/12/2024	Fixed rate	0.490%	Hard Bullet
XS1623756019	EMTN Series 98	USD	75,000,000	24/05/2017	03/08/2026	03/08/2026	Fixed rate	2.880%	Hard Bullet
XS1617529323	EMTN Series 97	EUR	10,000,000	23/05/2017	23/05/2022	23/05/2022	Fixed rate	0.300%	Hard Bullet
XS1432510631	EMTN Series 87	EUR	500,000,000	15/06/2016	15/06/2023	15/06/2023	Fixed rate	0.375%	Hard Bullet
XS1327548530	EMTN Series 80	EUR	5,000,000	02/12/2015	02/12/2024	02/12/2024	Fixed rate	0.850%	Hard Bullet
XS0307349125	EMTN Series 5	NOK	1,000,000,000	06/09/2007	06/09/2022	06/09/2022	Fixed rate	5.670%	Hard Bullet
XS0306020057	EMTN Series 4	NOK	100,000,000	20/06/2007	20/06/2022	20/06/2022	Fixed rate	5.600%	Hard Bullet
CH0030943903	EMTN Series 1	CHF	50,000,000	23/05/2007	23/05/2033	23/05/2033	Fixed rate	3.193%	Hard Bullet
0110030743703	EIVITTY SCITES I	CHI	50,000,000	23/03/2007	23/03/2033	23/03/2033	rixeu rate	3.19370	riai u bullet
									-
									
		•			•				
									-
-									

MOODY'S INVESTORS SERVICE

© 2022 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 THAIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S COLLECTIVELY, "PUBLICATIONS") MAY INCLIDE SUCH CURRENT OPINIONS, MOODY'S DEFINES CREDIT RISK AS THE RISK HAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESS BY MOODY'S RETURN GYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSS BY MOODY'S CREDIT RATINGS, CREDIT RATINGS, ON TO ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, MON-CREDIT ASSESSMENTS, "ASSESSMENTS," AND OTHER OPINIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S DELICATIONS MAY ALSO INCLUDE OUNDIT THE MODEL PASSES ISSUED STRAINES OF CREDIT RISK AND RELETED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND 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 PERSON IN THE MERING CONSIDERED A RENCHMARK

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 traiting process or in preparing its Public and cannot in every instance independently verify or validate information received in the rating process or in preparing its Public and cannot in every instance independently verify or validate information received in the rating process or in preparing its Public and cannot in every instance independently verify or validate information received in the rating process or in preparing its Public and Cannot in every instance independently verify or validate information received in the rating process or in preparing its Public and Cannot in every instance independent verified and the variation of the var

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 excludely 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 sendered 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 than ineither you not the entity your present will directly or indirectly disensimate 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 MCO. Moody's SF Japan K.K. ("MSF") is a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSF") is a wholly-owned subsidiary of MKK. MSF Jis 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. MIKK 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.

MIKK 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 MIKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MIKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JP/100,000 to approximately JP/550,000,000.

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

