# Moody's INVESTORS SERVICE

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

31/12/2021

## Covered Bonds / Luxembourg

Reporting as of:

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All amounts in EUR (unless otherwise specified)



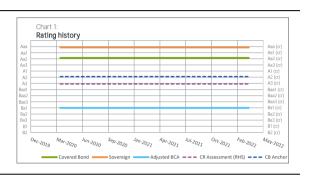
Click on the icon to download data into Excel & to see Glossary of terms used Click here to access the covered bond programme webpage on moodys.com

For information on how to read this report, see the latest

Moody's Covered Bonds Sector Update

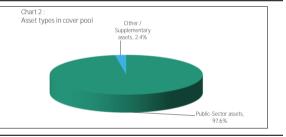
## Data as provided to Moody's Investors Service (note 1)

Overvlew		
Year of initial rating assignment:		201
Total outstanding liabilities:	EUR 3,492,	926,649
Total assets in the Cover Pool:		685,198
Issuer name / CR Assessment:	NORD/LB Luxembourg S.A. Covered Bond Ban	< / A3(cr
Group or parent name / CR Assessment:	Norddeutsche Landesbank GZ / A3(	
Main collateral type:	Pub	ic Secto
Ratings		
Covered bonds rating:		Aa2
	NORD/LB Luxembourg S.A. Covered Bo	ond Banl
Entity used in Moody's EL & TPI analysis:		A
Entity used in Moody's EL & TPI analysis: CB anchor:		
		A3(cr
		A3(cr ba1 / n/a



## II. Value of the Cover Pool

Collateral quality		
Collateral Score:	17.4%	
Collateral Score excl. systemic risk:	n/a	
Cover Pool losses		
	8.7%	319
Cover Pool Iosses Collateral Risk (Collateral Score post-haircut): Market Risk:	8.7% 19.6%	319 699



## III. Over-Collateralisation Levels

(notes 2 & 3) Over-Collateralisation (OC) figures presented below include Eligible only collateral Over-Collateralisation levels are provided on nominal basis

## Current situation

Committed OC (Nominal):	2.0%
Current OC:	25.8%
OC consistent with current rating (note 4)	5.0%

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

## IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):		Probable
TPI Leeway:		:
Extract from TPI table		
CB Anchor	Probable	
Aa2	Aaa	
Aa3	Aaa	
A1	Aaa	
A2	Aaa	
A3	Aaa	
Baa1	Aa1	
Baa2	Aa2	
Baa3	A1	

## Sensitivity scenario CB anchor

	00	consistent with current ratio	ng
Scenario 1: CB anchor is lowered by	1 notch	14.5%	
Scenario 1. CB anchor is lowered by	THOUGH	14.370	

# 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 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. (mote 2) This assumes the Overed Bonds rating 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 BaaT(0), 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 diversion.

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 TPL 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 cut 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.

## V. Asset Liability Profile

12.0% 10.0%

8.0%

6.0% 4.0%

2.0%

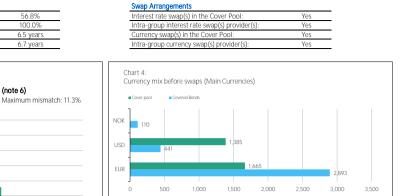
0.0%

Mismatch in % of the total liabilities

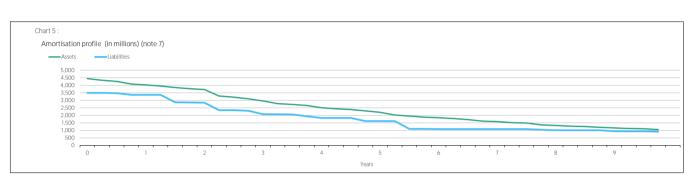
# Interest Rate & Duration Mismatch (note 5)



Chart 3 : Stressed refinancing needs per quarter (% of liabilities)



in FUR millions



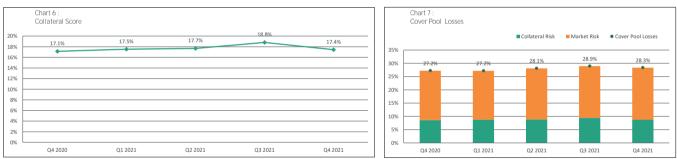
56.8%

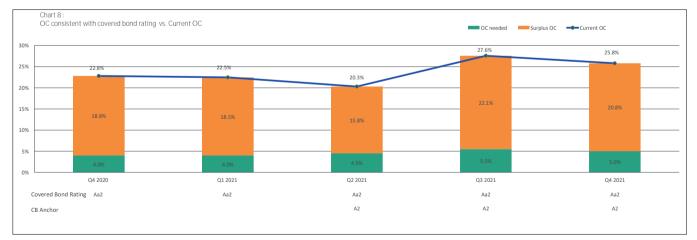
6.7 yea

(note 6)

Period in yea

## **VI. Performance Evolution**





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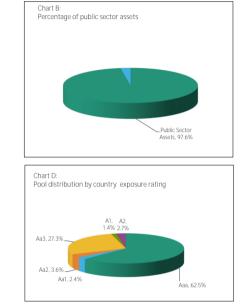
(note 5) This assumes no prepayment. (note 6) Based on principal flows only. Assumptions include no prepayments, principal collections limited to the portion of assets that make up the amount of the liabilities plus committed OC, no further CB issuance and no further assets added to the cover pool. (note 1) Assumptions include no swap in place in Cover Pool, no prepayment and no further CB issuance.

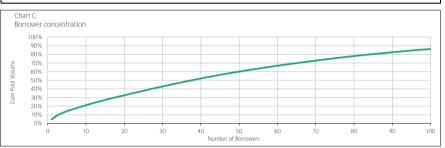
## VII. Cover Pool Information - Public Sector Assets

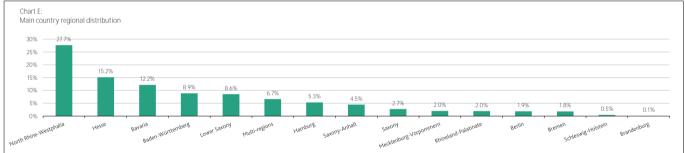
Overview	
Asset type:	Public Sector
Asset balance:	4,337,185,198
WA remaining Term (in months):	126
Number of borrowers:	193
Number of loans / bonds:	341
Exposure to the 10 largest borrowers:	24.0%
Average exposure to borrowers:	22,472,462

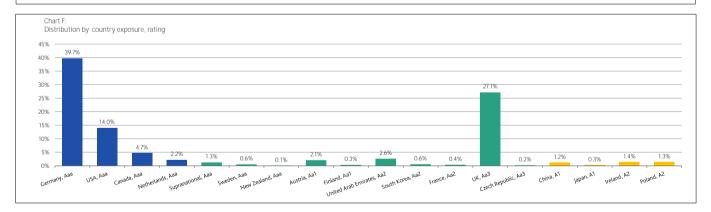
Repo eligible loans / bonds:	42.8%
Percentage of fixed rate loans / bonds:	55.7%
Percentage of bullet loans/ bonds:	25.1%
Loans / bonds in non-domestic currency:	64.1%
formance	
Loans / bonds in arrears ( ≥ 2months - < 6months):	0.0%
Loans / bonds in arrears ( ≥ 6months - < 12months):	0.0%
Loans / bonds 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%	2.3%	2.3%
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%	1.8%	2.5%
Loan with guarantee of region/federal state	0.0%	0.6%	0.0%	3.2%	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%	7.8%	0.3%	8.1%
Others	28.4%	23.2%	15.8%	13.6%	81.0%
	28.4%	25.3%	23.9%	22.4%	







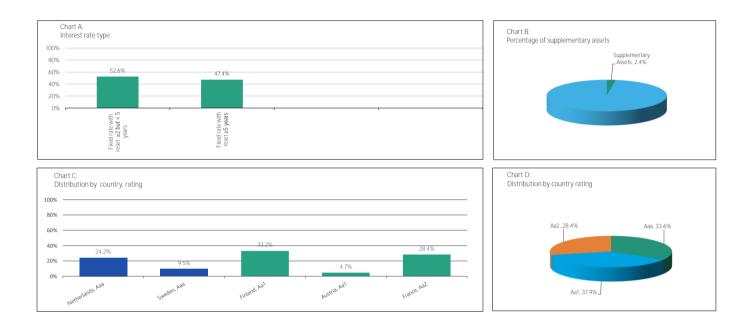


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# VIII. Cover Pool Information - Supplementary Assets

vervlew	
Asset type:	Supplementary Assets
Asset balance:	105,500,000
WA remaining Term (in months):	57
Number of assets:	7
Number of borrowers:	7
Average assets size:	15,071,429
Average exposure to borrowers:	15,071,429

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%
rformance	
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%



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IX. Swap Information

Counterparty	Туре	Notional Amount	Collateral trigger	Replacement Trigger
Total	Total	3,654,186,114		
	Currency	1,957,873,586		
	Interest rate	1,696,312,527		
Norddeutsche Landesbank GZ	Subtotal	3,654,186,114		
	Currency	1,957,873,586	n/d	n/d
	Interest rate	1,696,312,527	n/d	n/d

## X. Liabilities Information: Last 50 Issuances

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

ISN Number Cargon Preprint   XIS1504990 DMI Niskini 110 U33 120.000.000 080/2021 2011/2024 2011/2024 Facd rate 0.75% Head Built   XIS1504990 DMI Niskini 118 U33 120.000.00 080/2020 100/8/2026 Facd rate 0.75% Head Built   XIS1504990 DMI Niskini 116 U33 120.000.00 07/20201 00/8/2020 100/8/2026 Facd rate 0.25% Head Built   XIS1595212 DMI Niskini 10 U38 120.000.00 07/20201 00/9/2023 Facd rate 0.35% Head Built   XIS1595212 DMI Niskini 60 U38 20.000.00 130/20201 120/2024 Facd rate 0.45% Head Built   XIS1595203 DMI Niskini 60 U38 20.000.00 130/20201 2200/2023 Facd rate 0.45% Head Built   XIS12596301 DMI Niskini 60 U38 N000.000 2200/2021 200/2023 Facd rate 0.50% Head Built   XIS125764530 DMI Nisk		Serles		Outstanding	Issuance	Expected	Extended	Interest Rate	_	Principal
XS2299136205 EMTN Series 118 USD 125,000,000 08/02/2021 10/08/2026 Fixed rate 1.125% Hard Bullet   XS2299136460 EMTN Series 119 USD 100,000,000 08/02/2021 07/08/2025 Fixed rate 0.875% Hard Bullet   XS21860939100 EMTN Series 119 USD 100,000,000 08/02/2021 07/08/2025 Fixed rate 0.875% Hard Bullet   XS2186093910 EMTN Series 113 EUR 500,000,000 07/02/2020 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 0.342% Hard Bullet   XS13457941 EMTN Series 100 EUR 500,000,000 13/12/2017 13/2/2024 Fixed rate 0.490% Hard Bullet   XS163756019 EMTN Series 97 EUR 10,000,000 23/05/2017 03/08/2026 Fixed rate 0.300% Hard Bullet   XS1425750431 EMTN Series 87 EUR 10,000,000 23/05/										
XS2299136460 EMTN Series 119 USD 100.000.000 08/02/2021 07/08/2025 Fixed rate 0.875% Hard Bullet   XS2186093410 EMTN Series 116 EUR 500.000.000 10/06/2027 10/06/2027 Fixed rate 0.875% Hard Bullet   XS2180935212 EMTN Series 113 EUR 12,000.000 07/07/2023 30/09/2037 Fixed rate 0.542% Hard Bullet   XS173935212 EMTN Series 110 EUR 500.000.000 07/03/2019 07/03/2024 Fixed rate 0.375% Hard Bullet   XS1733556019 EMTN Series 98 USD 75,000.000 24/05/2017 03/08/2026 03/06/2026 Fixed rate 0.490% Hard Bullet   XS1623756019 EMTN Series 97 EUR 10,000.000 23/05/2017 23/05/2022 23/05/2026 Fixed rate 0.307% Hard Bullet   XS1432750631 EMTN Series 87 EUR 5.000.000 02/15/2021 23/05/2022 Fixed rate 0.307% Hard Bullet   XS14327548530 EMTN Series 80 EUR 5.000.000										
XS2186093410 EMTN Series 116 EUR 500.000.000 10/06/2021 10/06/2027 Fixed rate 0.010% Hard Bullet   XS2113935212 EMTN Series 113 EUR 12,000.000 07/02/2020 30/09/2037 Fixed rate 0.542% Hard Bullet   XS1959949196 EMTN Series 110 EUR 500.000.000 07/03/2019 07/03/2024 Fixed rate 0.542% Hard Bullet   XS1734579441 EMTN Series 100 EUR 25,000.000 13/12/2017 13/12/2024 Fixed rate 0.490% Hard Bullet   XS163756019 EMTN Series 98 USD 75,000.000 24/05/2017 03/08/2026 Gi/08/2022 Fixed rate 0.300% Hard Bullet   XS1617529323 EMTN Series 87 EUR 10.000.000 23/05/2017 23/05/2022 Fixed rate 0.300% Hard Bullet   XS1432510631 EMTN Series 87 EUR 50.000.000 52/06/2023 15/06/2023 Fixed rate 0.375% Hard Bullet   XS13257548530 EMTN Series 80 EUR 5.000.000 02/12/2024										
XS2113935212 EMTN Series 113 EUR 12,000,000 07/02/202 30/09/2037 Fixed rate 0.542% Hard Bullet   XS1959949196 EMTN Series 110 EUR 500,000,000 07/03/2019 07/03/2024 7/03/2024 Fixed rate 0.315% Hard Bullet   XS173457941 EMTN Series 100 EUR 25,000,000 13/12/2017 13/12/2024 Fixed rate 0.490% Hard Bullet   XS1623756019 EMTN Series 98 USD 75,000,000 24/05/2017 03/08/2026 G3/08/2026 Fixed rate 2.800% Hard Bullet   XS1623756019 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 50,000,000 02/12/2024 Fixed rate 0.375% Hard Bullet   XS1432510631 EMTN Series 87 EUR 50,000,000 02/12/2024 02/12/2024 Fixed rate 0.375% Hard Bullet   XS13257548530 EMTN Series 87 EUR 50,000,000 <td></td>										
XS1959949196 EMTN Series 110 EUR 500,000,000 07/03/2019 07/03/2024 Fixed rate 0.375% Hard Bullet   XS1734579441 EMTN Series 100 EUR 25,000,000 13/12/2017 13/12/2024 Fixed rate 0.490% Hard Bullet   XS1623756019 EMTN Series 98 USD 75,000,000 24/05/2017 03/08/2026 Fixed rate 0.490% 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 Fixed rate 0.375% Hard Bullet   XS1327548530 EMTN Series 87 EUR 500,000,000 02/12/2016 15/06/2023 Fixed rate 0.850% Hard Bullet   XS1327548530 EMTN Series 5 NOK 1,000,000,000 02/12/2024 02/12/2024 Fixed rate 0.850% Hard Bullet   XS030740425 EMTN Series 4 NOK 1,000,000,000 02/12/2										
X\$1734579441 EMTN Series 100 EUR 25,000,000 13/12/2017 13/12/2024 13/12/2024 Fixed rate 0.490% Hard Bullet   X\$1623756019 EMTN Series 98 USD 75,000,000 24/05/2017 03/08/2026 Fixed rate 2.880% Hard Bullet   X\$1617529323 EMTN Series 97 EUR 10,000,000 23/05/2017 23/05/2022 Fixed rate 0.300% Hard Bullet   X\$1432510631 EMTN Series 87 EUR 500,000,000 15/06/2023 15/06/2023 Fixed rate 0.305% Hard Bullet   X\$13227548530 EMTN Series 80 EUR 5,000,000 02/12/2015 02/12/2024 Fixed rate 0.850% Hard Bullet   X\$130307349125 EMTN Series 5 NOK 1,000,000,000 06/09/2007 06/09/2022 Fixed rate 5.670% Hard Bullet   X\$030620057 EMTN Series 4 NOK 100,000,000 20/06/2007 20/06/2022 Fixed rate 5.600% Hard Bullet										
XS1623756019 EMTN Series 98 USD 75,000,000 24/05/2017 03/08/2026 Fixed rate 2.880% Hard Bullet   XS1623756019 EMTN Series 97 EUR 10,000,000 23/05/2017 23/05/2022 Fixed rate 0.300% Hard Bullet   XS1422510631 EMTN Series 87 EUR 500,000,000 15/06/2016 15/06/2023 Fixed rate 0.305% Hard Bullet   XS1422510631 EMTN Series 80 EUR 500,000,000 02/12/2016 15/06/2023 Fixed rate 0.850% Hard Bullet   XS1422516830 EMTN Series 50 EUR 5000,000 02/12/2015 02/12/2024 Fixed rate 0.850% Hard Bullet   XS0307349125 EMTN Series 5 NOK 1,000,000,000 06/09/2007 06/09/2022 Fixed rate 5,600% Hard Bullet   XS030670057 EMTN Series 4 NOK 100,000,000 20/06/2022 20/06/2022 Fixed rate 5,600% 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 15/06/203 15/06/2023 Fixed rate 0.375% Hard Bullet   XS1327548530 EMTN Series 80 EUR 5,000,000 02/12/2015 02/12/2024 Fixed rate 0.850% Hard Bullet   XS0307349125 EMTN Series 5 NOK 1,000,000,000 06/09/2002 06/09/2022 Fixed rate 5,670% Hard Bullet   XS0305020057 EMTN Series 4 NOK 100,000,000 20/06/2027 20/06/2022 Fixed rate 5,600% Hard Bullet										
X\$1432510631 EMTN Series 87 EUR 500,000,000 15/06/2016 15/06/2023 15/06/2023 Fixed rate 0.375% Hard Bullet   X\$1327548530 EMTN Series 80 EUR 5,000,000 02/12/2015 02/12/2024 Fixed rate 0.850% Hard Bullet   X\$0303749125 EMTN Series 5 NOK 1,000,000,000 06/09/2007 06/09/2022 Fixed rate 5,670% Hard Bullet   X\$030620057 EMTN Series 4 NOK 100,000,000 20/06/2022 20/06/2022 Fixed rate 5,600% Hard Bullet										
X51327548530 EMIN Series 80 EUR 5,000,000 02/12/2015 02/12/2024 Fixed rate 0.850% Hard Bullet   X50307349125 EMIN Series 5 NOK 1,000,000,000 06/09/2007 06/09/2022 Fixed rate 5,670% Hard Bullet   X503067057 EMIN Series 4 NOK 100,000,000 20/06/2022 20/06/2022 Fixed rate 5,600% Hard Bullet										
XS0307349125 EMTN Series 5 NOK 1,000,000,000 06/09/2007 06/09/2022 6/09/2022 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										
X50306020057 EMTN Series 4 NOK 100,000,000 20/06/2007 20/06/2022 20/06/2022 Fixed rate 5.600% Hard Bullet								Fixed rate		Hard Bullet
				1,000,000,000				Fixed rate		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								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
	-									

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