


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

### Covered Bonds / Luxembourg

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<b>Client Service Desk</b>	London: +44 20 7772-5454, csdlondon@moody's.com	Click <a href="#">here</a> to access the covered bond programme webpage on moody's.com

Reporting as of: 31/12/2023 All amounts in EUR (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)

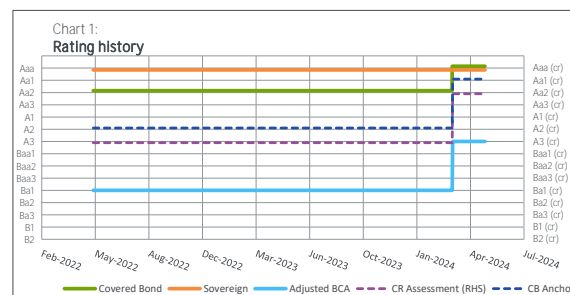
### I. Programme Overview

#### Overview

Year of initial rating assignment:	2017
Total outstanding liabilities:	EUR 2,577,934,319
Total assets in the Cover Pool:	EUR 3,426,078,885
Issuer name / CR Assessment:	NORD/LB Luxembourg S.A. Covered Bond Bank / Aa2(cr)
Group or parent name / CR Assessment:	Norddeutsche Landesbank GZ / Aa2(cr)
Main collateral type:	Public Sector

#### Ratings

Covered bonds rating:	Aaa
Entity used in Moody's EL & TPI analysis:	NORD/LB Luxembourg S.A. Covered Bond Bank
CB anchor:	Aa1
CR Assessment:	Aa2(cr)
Adjusted BCA / SUR:	a3 / n/a
Unsecured claim used for Moody's EL analysis:	Yes



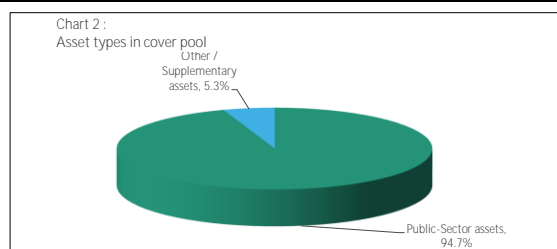
### II. Value of the Cover Pool

#### Collateral quality

Collateral Score:	16.7%
Collateral Score excl. systemic risk:	n/a

#### Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	8.3%	28%
Market Risk:	21.0%	72%
	29.3%	100%



### 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:	34.0%
OC consistent with current rating (note 4)	0.0%

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		
Scenario 1: CB anchor is lowered by	1 notch	12.5%

Of which 0.0% over-collateralisation (OC) in committed form to be given full value. Moody's recognizes the 2.0% OC requirement in the Luxembourg legislation and the issuer's voluntary adherence ("Selbstverpflichtung") to liquidity and OC levels as detailed in its announcement on 31.05.2015

### IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):	Probable
TPI Leeway:	5

#### Extract from TPI table

CB Anchor	Probable
Aaa	Aaa
<b>Aa1</b>	<b>Aaa</b>
Aa2	Aaa
Aa3	Aaa
A1	Aaa
A2	Aaa
A3	Aaa
Baa1	Aa1

#### 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 principal payments

Maturity type:	Hard Bullet
Committed liquidity reserve for principal amount of all hard bullet bonds to be funded at least 180 days before maturity:	Yes
Committed liquidity reserve for principal amount of all soft bullet bonds to be funded at least 180 days before initial maturity:	n/a

(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 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(cr) or Baa1(cr), 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 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 current 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

### Interest Rate & Duration Mismatch (note 5)

Fixed rate assets in the cover pool:	57.5%
Fixed rate covered bonds outstanding:	100.0%
WAL of outstanding covered bonds:	6.2 years
WAL of the cover pool:	6.2 years

### Swap Arrangements

Interest rate swap(s) in the Cover Pool:	Yes
Intra-group interest rate swap(s) provider(s):	Yes
Currency swap(s) in the Cover Pool:	Yes
Intra-group currency swap(s) provider(s):	Yes

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

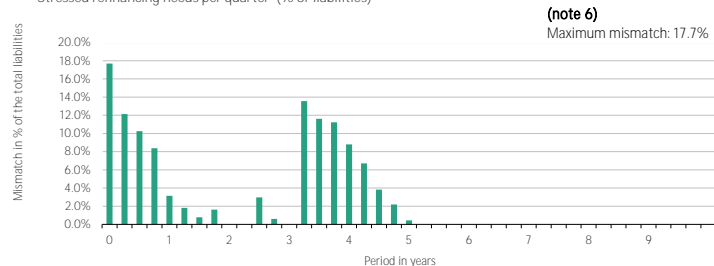


Chart 4:  
Currency mix before swaps (Main Currencies)

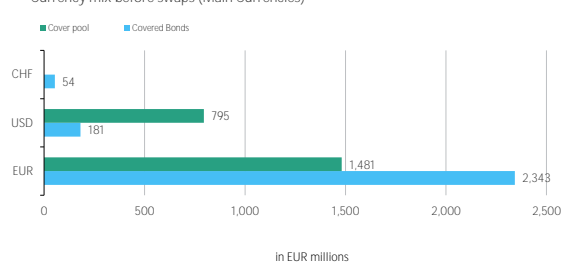
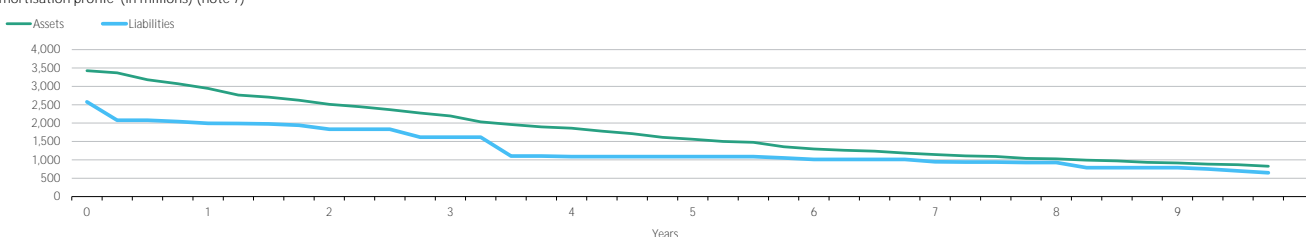


Chart 5 :  
Amortisation profile (in millions) (note 7)



## VI. Performance Evolution

Chart 6 :  
Collateral Score

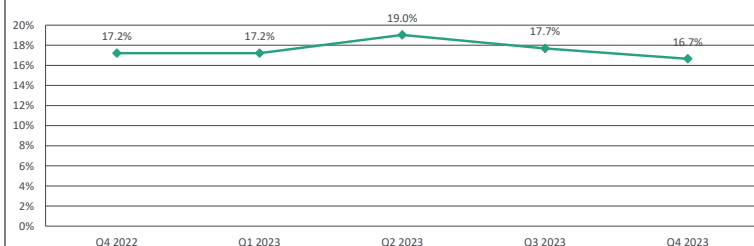


Chart 7 :  
Cover Pool Losses

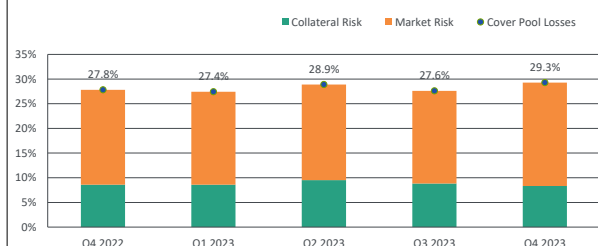
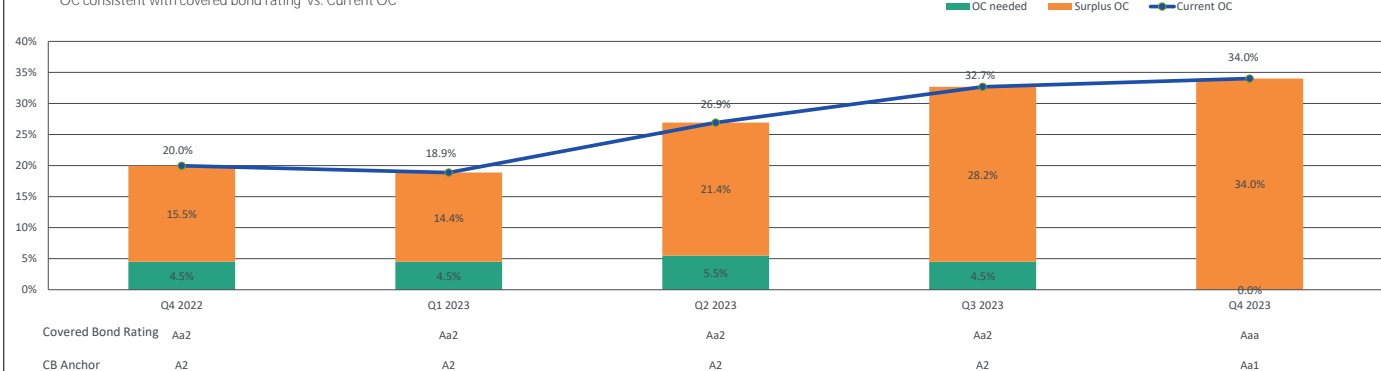


Chart 8 :  
OC consistent with covered bond rating vs. Current OC



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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 7) Assumptions include no swap in place in Cover Pool, no prepayment and no further CB issuance.

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

## VII. Cover Pool Information - Public Sector Assets

## Overview

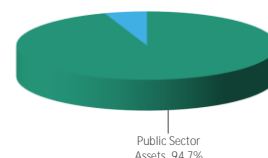
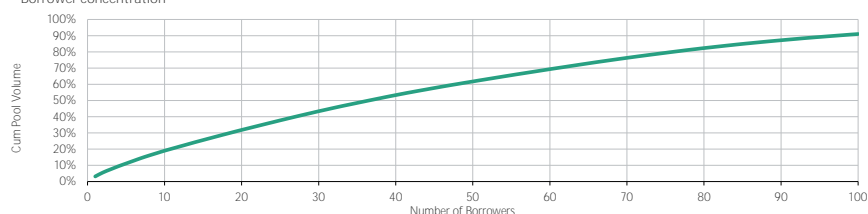
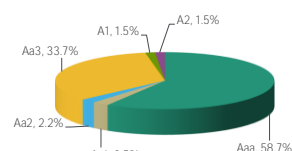
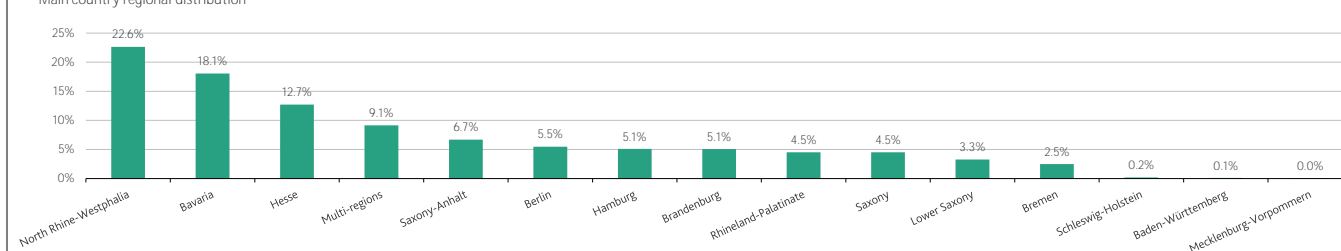
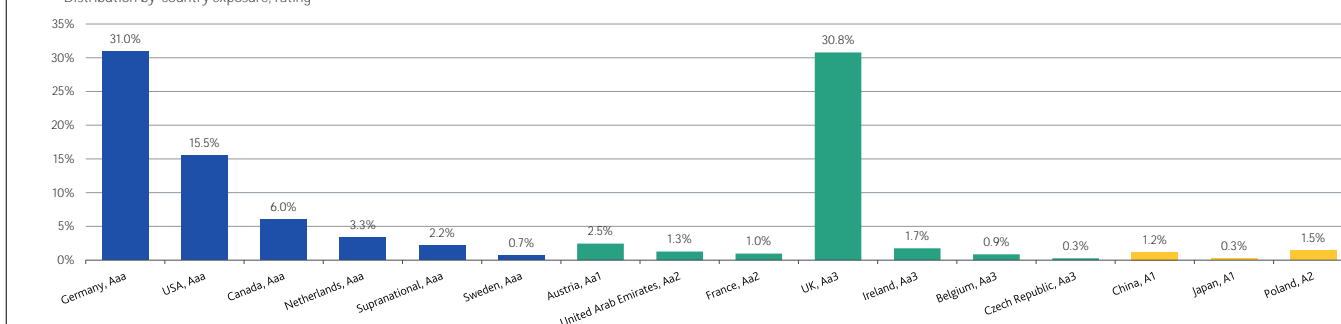
Asset type:	Public Sector
Asset balance:	3,245,778,885
WA remaining Term (in months):	121
Number of borrowers:	161
Number of loans / bonds:	270
Exposure to the 10 largest borrowers:	20.6%
Average exposure to borrowers:	20,160,117

## Specific Loan and Borrower characteristics

Repo eligible loans / bonds:	52.7%
Percentage of fixed rate loans / bonds:	55.2%
Percentage of bullet loans / bonds:	33.0%
Loans / bonds in non-domestic currency:	59.9%
<b>Performance</b>	
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%

Table A : Borrower type by country

	UK	Germany	USA	Other	Totals
Direct claim against supranational	0.0%	0.0%	0.0%	1.5%	1.5%
Direct claim against sovereign	0.0%	0.0%	0.0%	2.7%	2.7%
Loan with guarantee of sovereign	0.0%	1.2%	0.0%	0.0%	1.2%
Direct claim against region/federal state	0.0%	5.8%	0.0%	2.4%	8.2%
Loan with guarantee of region/federal state	0.0%	0.7%	0.0%	3.2%	3.9%
Direct claim against municipality	0.0%	0.6%	0.3%	0.3%	1.2%
Loan with guarantee of municipality	0.0%	0.0%	0.0%	0.4%	0.4%
Others	30.9%	19.9%	16.9%	13.1%	80.9%
	30.9%	28.3%	17.2%	23.6%	

Chart B:  
Percentage of public sector assetsChart C:  
Borrower concentrationChart D:  
Pool distribution by country exposure ratingChart E:  
Main country regional distributionChart F:  
Distribution by country exposure, rating

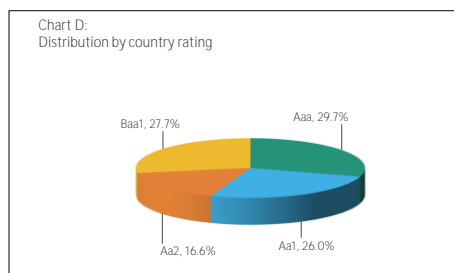
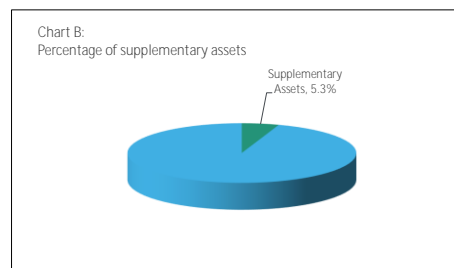
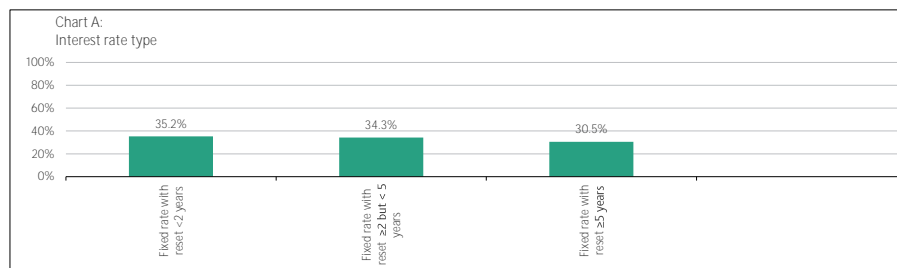
## VIII. Cover Pool Information - Supplementary Assets

## Overview

Asset type:	Supplementary Assets
Asset balance:	180,300,000
WA remaining Term (in months):	63
Number of assets:	10
Number of borrowers:	9
Average assets size:	18,030,000
Average exposure to borrowers:	20,033,333

## 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%
<b>Performance</b>	
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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