# MOODY'S

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

## Covered Bonds / Luxembourg

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Reporting as of:

30/06/2021 All amou

All amounts in EUR (unless otherwise specified)

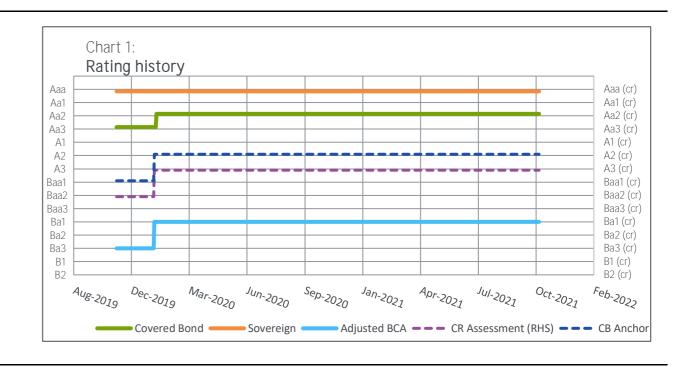
For information on how to read this report, see the latest Moody's Covered Bonds Sector Update

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

# I. Programme Overview

| Overview                              |  |               |
|---------------------------------------|--|---------------|
| Year of initial rating assignment:    |  | 2017          |
| Total outstanding liabilities:        | EUR  | 3,971,357,445 |
| Total assets in the Cover Pool:       | EUR  | 4,798,447,358 |
| Issuer name / CR Assessment:          | NORD/LB Luxembourg S.A. Covered Bond Bank / A3(cr) |               |
| Group or parent name / CR Assessment: | Norddeutsche Landesbank 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 EL analysis: | Yes                                       |



### II. Value of the Cover Pool

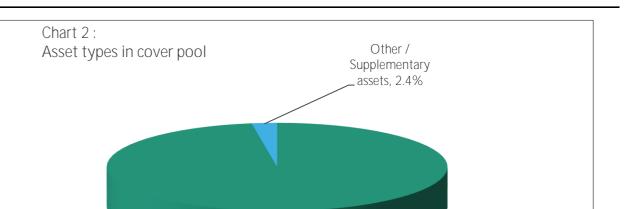
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| Collateral Score:                     | 17.7% |
|---------------------------------------|-------|
| Collateral Score excl. systemic risk: | n/a   |
|                                       |       |

#### **Cover Pool losses**

| 001011001103303                                  |       |       |
|--|-------|-------|
| Collateral Risk (Collateral Score post-haircut): | 8.8%  | 31%   |
| Market Risk:                                     | 19.3% | 69%   |
|  | 20.1% | 1000/ |

(notes 2 & 3)







#### III. Over-Collateralisation Levels

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

#### Current situation

| 20.3% |
|-------|
|       |
| 4.5%  |
| •     |

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 Scenario 1: CB anchor is lowered by 1 notch

# 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 |

(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.

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4,000

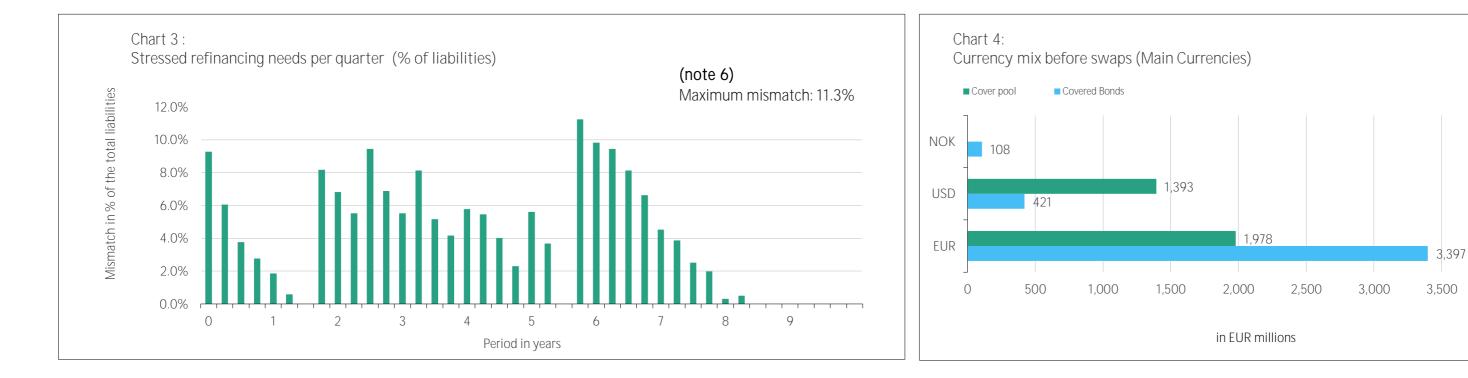
# V. Asset Liability Profile

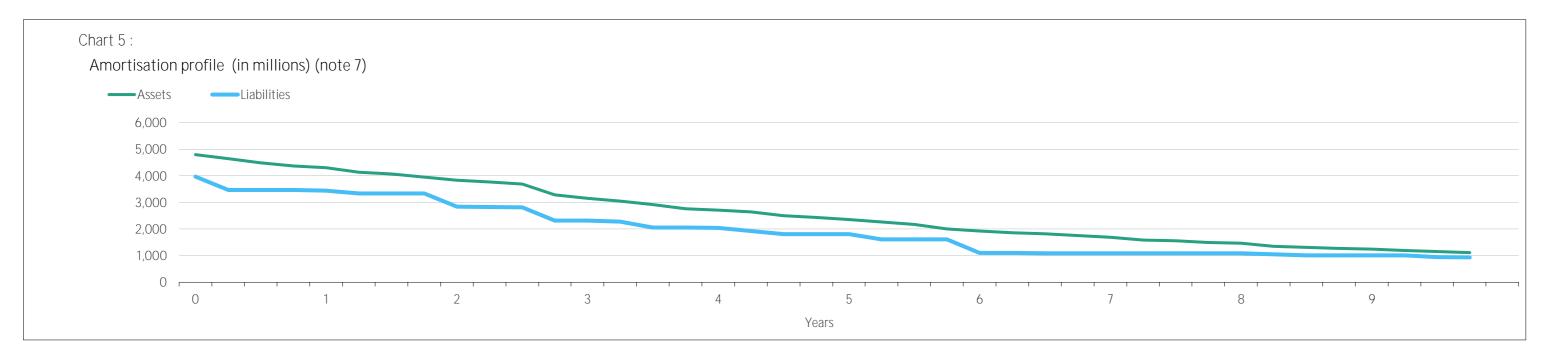
#### Interest Rate & Duration Mismatch (note 5)

| Fixed rate assets in the cover pool:  | 59.1%     |
|---------------------------------------|-----------|
| Fixed rate covered bonds outstanding: | 100.0%    |
| WAL of outstanding covered bonds:     | 6.2 years |
| WAL of the cover pool:                | 6.6 years |

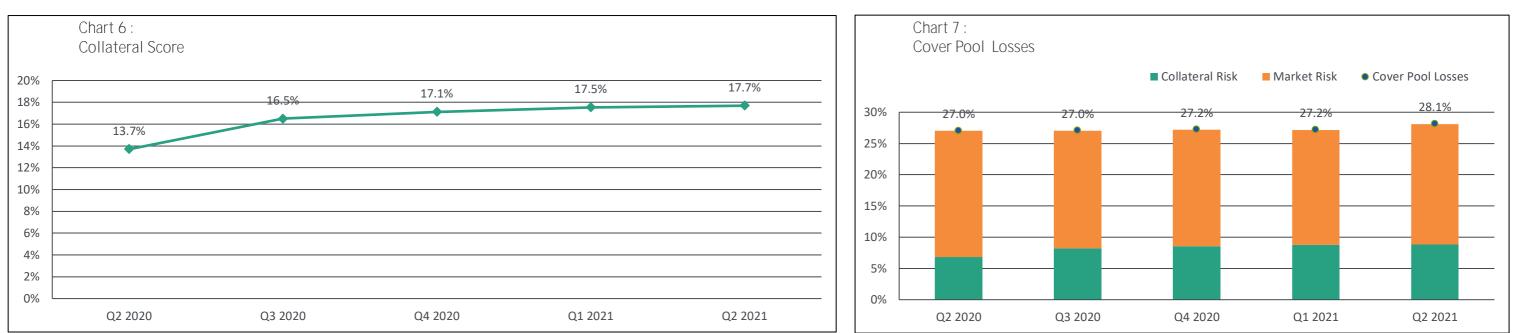
#### Swap Arrangements

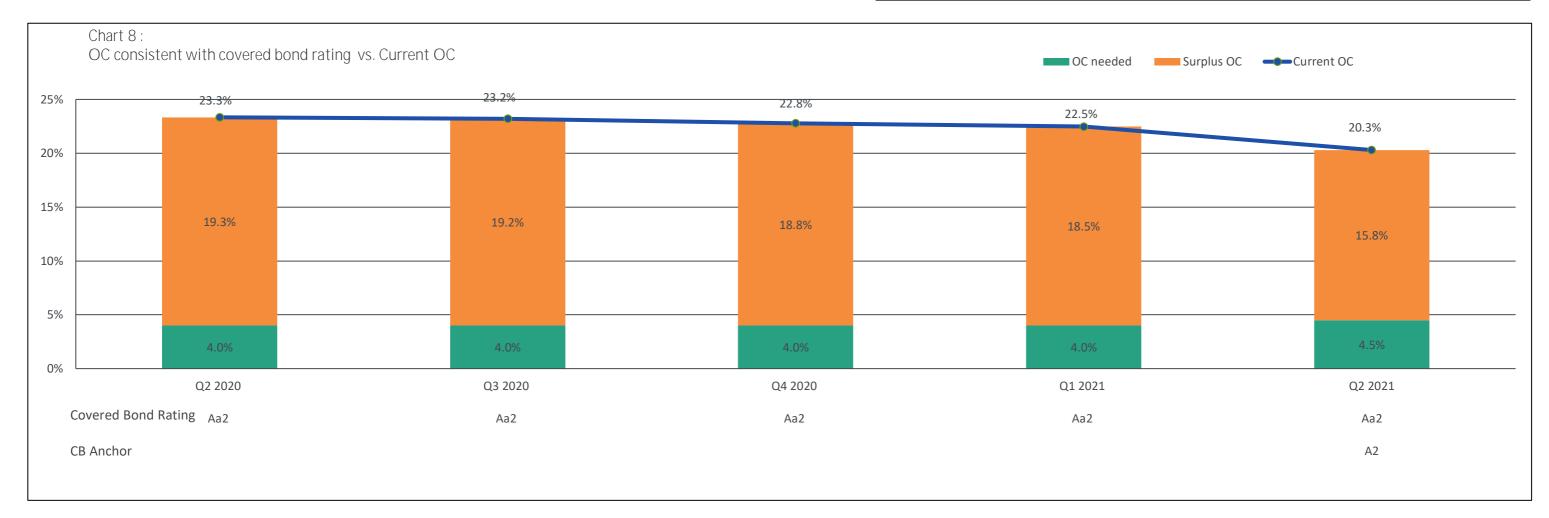
| Interest rate swap(s) in the Cover Pool:       | Yes |
|--|-----|
| Intra-group interest rate swap(s) provider(s): | Yes |
| Currency swap(s) in the Cover Pool:            | Yes |
| Intra-group currency swap(s) provider(s):      | Yes |





# 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 <u>www.moodys.com</u> for the most updated credit rating action information and rating history.

(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.

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# VII. Cover Pool Information - Public Sector Assets

#### Overview

| Asset type:                           | Public Sector |
|---------------------------------------|---------------|
| Asset balance:                        | 4,682,947,358 |
| WA remaining Term (in months):        | 123           |
| Number of borrowers:                  | 203           |
| Number of Ioans / bonds:              | 360           |
| Exposure to the 10 largest borrowers: | 23.2%         |
| Average exposure to borrowers:        | 23,068,706    |

#### Specific Loan and Borrower characteristics

| Repo eligible loans / bonds:                            | 46.5% |
|---|-------|
| Percentage of fixed rate loans / bonds:                 | 58.1% |
| Percentage of bullet loans/ bonds:                      | 29.7% |
| Loans / bonds in non-domestic currency:                 | 60.2% |
| Performance   |       |
| Loans / bonds in arrears ( $\geq$ 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%  |

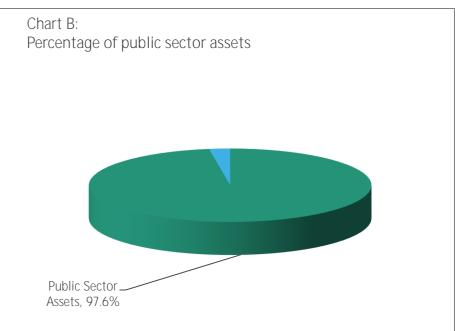
| irect claim against supranational<br>irect claim against sovereign<br>pan with guarantee of sovereign | 0.0%<br>0.0% | Germany<br>0.0%<br>0.0% | 0.0%  | 1.4%  | 1.4%  |
|---|--------------|-------------------------|-------|-------|-------|
|   | 0.0%         | 0.00/                   |       |       |       |
| oan with guarantee of sovereign   |              | 0.0%                    | 0.0%  | 2.1%  | 2.1%  |
|   | 0.0%         | 0.4%                    | 0.0%  | 0.0%  | 0.4%  |
| irect claim against region/federal state  | 0.0%         | 1.5%                    | 0.0%  | 1.6%  | 3.1%  |
| oan with guarantee of region/federal state  | 0.0%         | 2.3%                    | 0.0%  | 3.9%  | 6.2%  |
| irect claim against municipality  | 0.0%         | 0.4%                    | 0.3%  | 0.3%  | 1.0%  |
| oan with guarantee of municipality  | 0.0%         | 0.0%                    | 6.9%  | 0.3%  | 7.2%  |
| thers   | 27.1%        | 21.8%                   | 15.3% | 14.4% | 78.6% |
|   | 27.1%        | 26.4%                   | 22.5% | 24.0% |       |
| Chart C:<br>Borrower concentration  |              |                         |       |       |       |
| 100%<br>90%<br>80%  |              |                         |       |       |       |
| 70%           60%           50%           40%           30%           20%                             |              |                         |       |       |       |

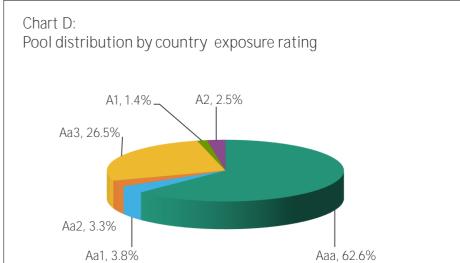
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Number of Borrowers

60

70





# Chart E:

0%

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50% 40% 30% 20% 10%

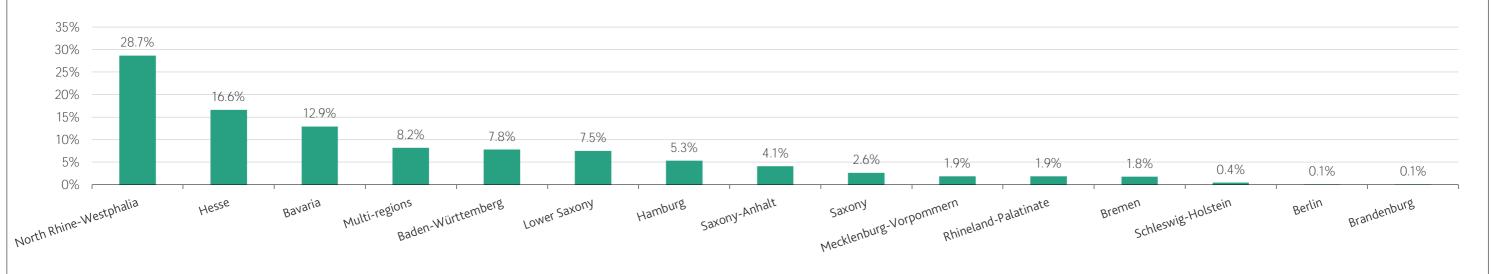


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40



80

90

100

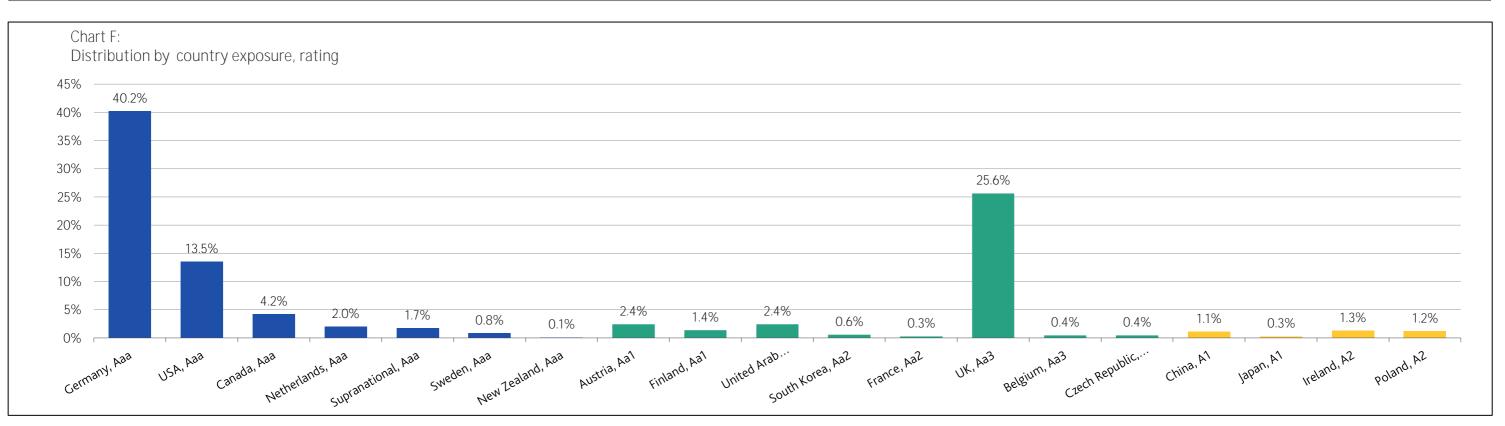


Table A and Chart C are based on debtor data. Charts D, E and F are based on guarantor data or, on unavailability of such information, on debtor data, as reported by the issuer. NORD/LB Luxembourg S.A. Covered Bond Bank - Public-Sector Covered Bonds

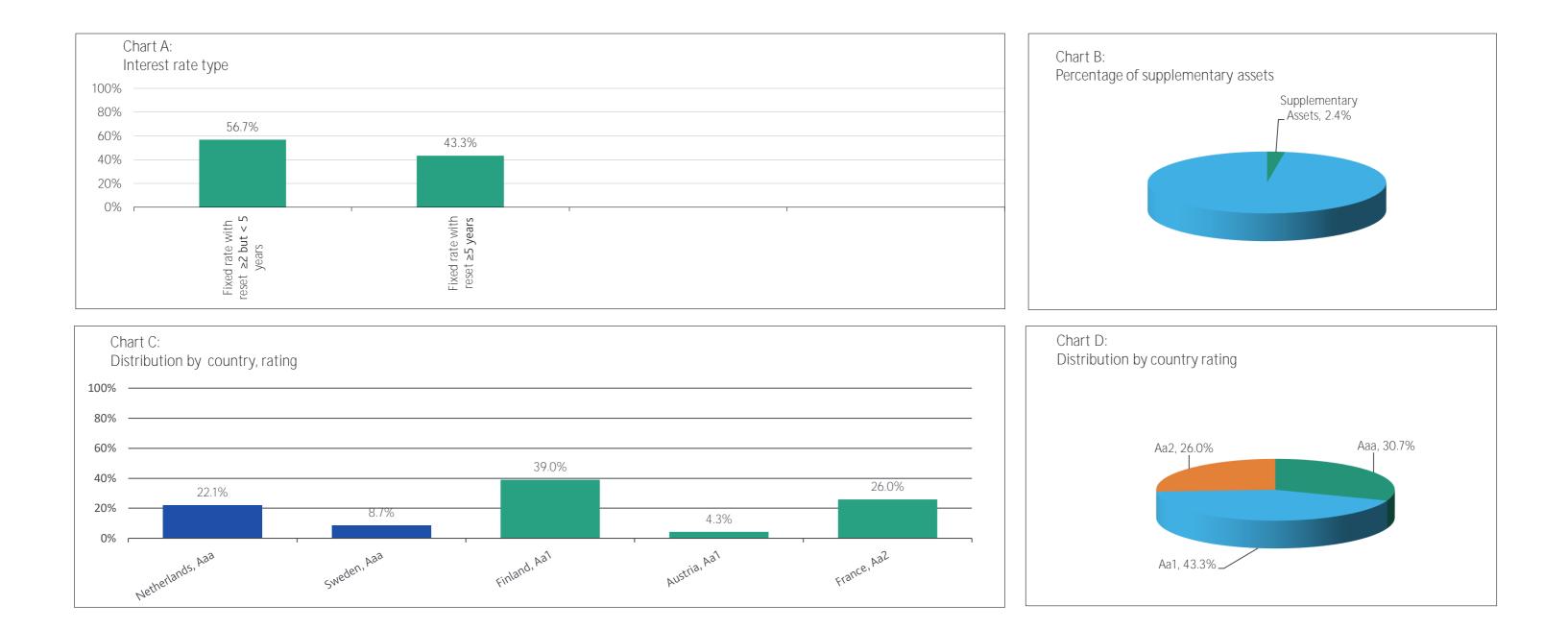
# VIII. Cover Pool Information - Supplementary Assets

#### Overview

| Asset type:                    | Supplementary Assets |
|--------------------------------|----------------------|
| Asset balance:                 | 115,500,000          |
| WA remaining Term (in months): | 59                   |
| Number of assets:              | 8                    |
| Number of borrowers:           | 8                    |
| Average assets size:           | 14,437,500           |
| Average exposure to borrowers: | 14,437,500           |

#### 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 ( $\geq$ 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         | 3,697,193,479   |                    |                     |
|                            | Currency      | 2,005,799,562   |                    |                     |
|                            | Interest rate | 1,691,393,917   |                    |                     |
| Norddeutsche Landesbank GZ | Subtotal      | 3,697,193,479   |                    |                     |
|                            | Currency      | 2,005,799,562   | n/d                | n/d                 |
|                            | Interest rate | 1,691,393,917   | n/d                | n/d                 |
|                            |               |                 |                    |                     |
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# X. Liabilities Information: Last 50 Issuances

|               | Series          |          | Outstanding   | Issuance   | Expected   | Legal Final | Interest Rate |        | Principal   |
|---------------|-----------------|----------|---------------|------------|------------|-------------|---------------|--------|-------------|
| ISIN          | Number          | Currency | Amount        | Date       | Maturity   | Maturity    | Туре          | 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 |
| XS1569741884  | EMTN Series 94  | EUR      | 500,000,000   | 23/02/2017 | 23/08/2021 | 23/08/2021  | Fixed rate    | 0.250% | 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 |
| 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 |
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