

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

### Covered Bonds / Luxembourg

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Click on the icon to download data into Excel & to see Glossary of terms used  
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#### Reporting as of:

29/09/2017

All amounts in EUR (unless otherwise specified)

For information on how to read this report, see the latest  
Moody's Global Covered Bond Monitoring Overview

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

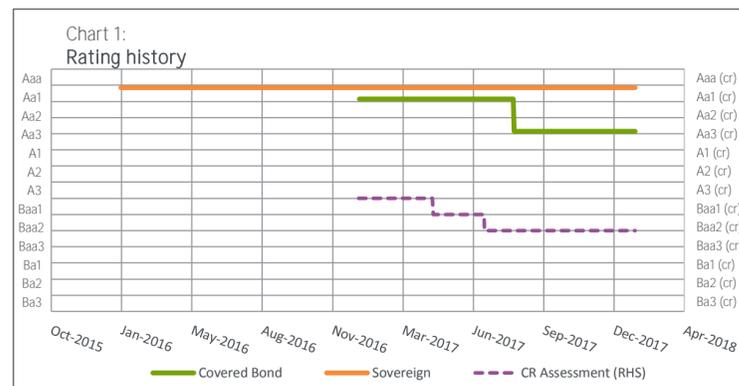
### I. Programme Overview

#### Overview

Year of initial rating assignment:		2017
Total outstanding liabilities:	EUR	3,961,931,971
Total assets in the Cover Pool:	EUR	4,968,744,443
Issuer name / CR Assessment:	NORD/LB Luxembourg S.A. Covered Bond Bank / Baa2(cr)	
Group or parent name / CR Assessment:	Norddeutsche Landesbank GZ / Baa2(cr)	
Main collateral type:	Public Sector	

#### Ratings

Covered bonds rating:	Aa3	
Entity used in Moody's EL & TPI analysis:	NORD/LB Luxembourg S.A. Covered Bond Bank	
CB anchor:	CR Assessment + 1 notch	
CR Assessment:	Baa2(cr)	
SUR:	Baa3	
Unsecured claim used for Moody's EL analysis:	Yes	



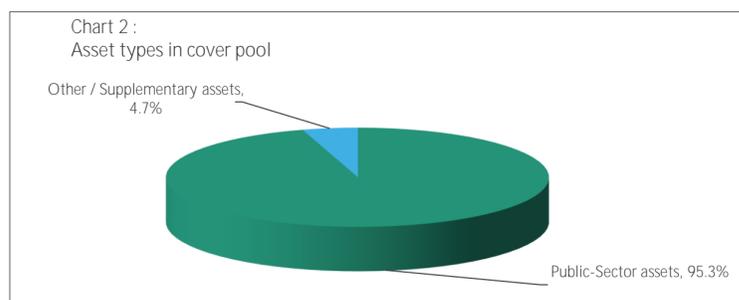
### II. Value of the Cover Pool

#### Collateral quality

Collateral Score:	12.2%
Collateral Score excl. systemic risk:	n/a

#### Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	6.1%	24%
Market Risk:	19.3%	76%
	25.4%	(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.

NPV stress test where stressed: Static

#### Current situation

Committed OC (Nominal & NPV):	2.0%
Current OC:	25.3%
OC consistent with current rating (note 4)*:	6.0%

#### Sensitivity scenario CB anchor

OC consistent with current rating		
Scenario 1: CB anchor is lowered by	1 notch	13.5%***

### IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):	Probable
TPI Leeway:	1

#### Extract from TPI table - CB anchor is CR Assessment + 1 notch

CR Assessment	Probable
A2(cr)	Aaa
A3(cr)	Aaa
Baa1(cr)	Aaa
<b>Baa2(cr)</b>	<b>Aa1</b>
Baa3(cr)	Aa2
Ba1(cr)	A1
Ba2(cr)	A2-Baa1
Ba3(cr)	A3-Baa2

#### 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.

(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 Issuers currently rated A2 or A3, 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.

(\*) The OC consistent with the covered bond rating is maintained by the issuer on a nominal basis and a NPV basis.

(\*\*) The issuer voluntarily adheres to maintaining a 180-day liquidity cover following the concept of the German Pfandbrief regulation.

(\*\*\*) Of which 0.0% over-collateralisation (OC) in committed form. 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.

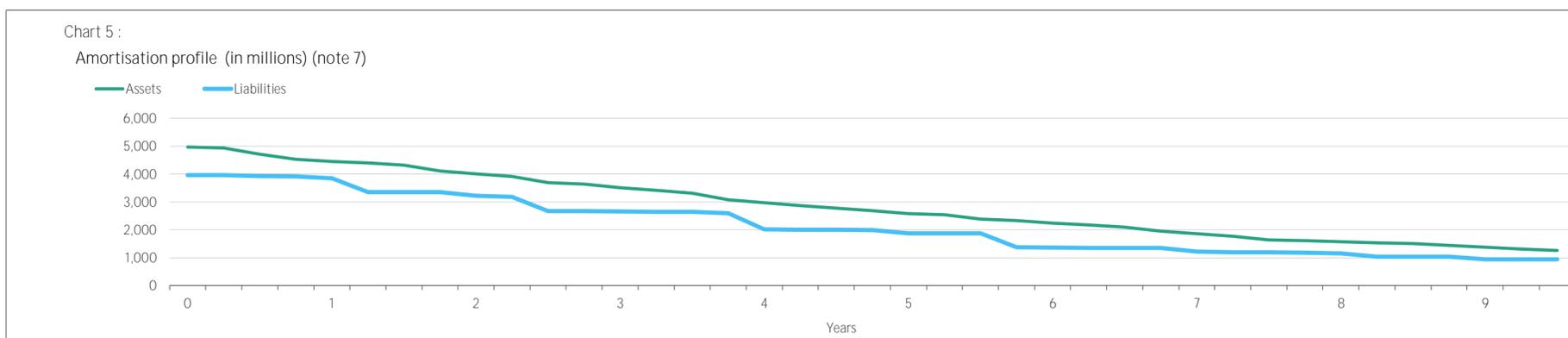
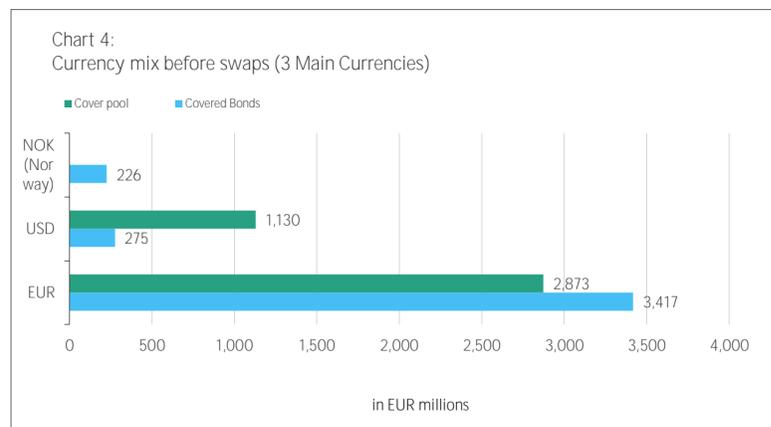
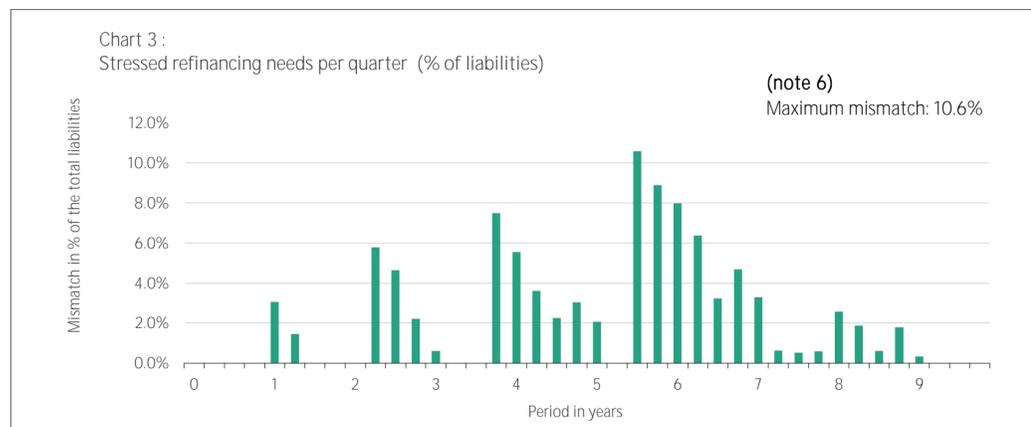
### V. Asset Liability Profile

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

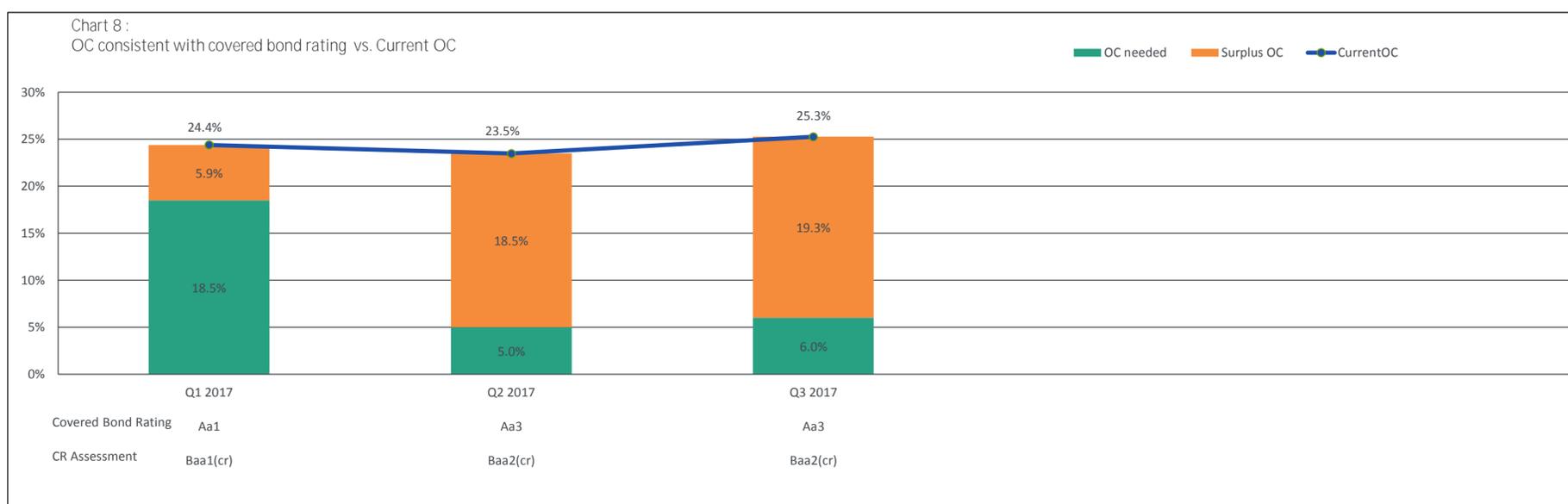
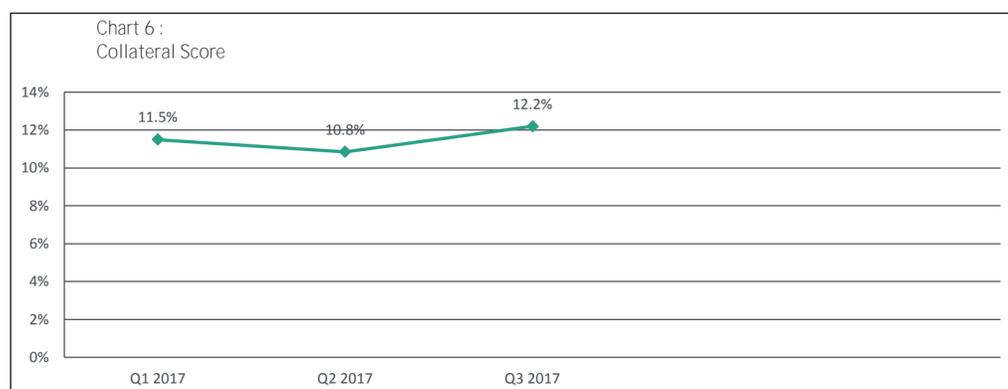
Fixed rate assets in the cover pool:	68.8%
Fixed rate covered bonds outstanding:	99.9%
WAL of outstanding covered bonds:	7.0 years
WAL of the cover pool:	7.1 years

#### 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 [www.moody.com](http://www.moody.com) 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 prepayment, no swap in place in Cover Pool and no further CB issuance.

VII. Cover Pool Information - Public Sector Assets

Overview

Asset type:	Public Sector
Asset balance:	4,736,744,444
WA remaining Term (in months):	111
Number of borrowers:	179
Number of loans / bonds:	330
Exposure to the 10 largest borrowers:	23.5%
Average exposure to borrowers:	26,462,259

n/d: information not disclosed by Issuer  
n/a: information not applicable

Specific Loan and Borrower characteristics

Repo eligible loans / bonds:	65.9%
Percentage of fixed rate loans / bonds:	67.0%
Percentage of bullet loans/ bonds:	64.3%
Loans / bonds in non-domestic currency:	44.2%

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%

	Germany	USA	UK	Other	Totals
Direct claim against supranational	0.0%	0.0%	0.0%	4.0%	4.0%
Direct claim against sovereign	0.0%	0.0%	0.0%	6.5%	6.5%
Loan with guarantee of sovereign	2.5%	0.0%	0.0%	0.0%	2.5%
Direct claim against region/federal state	10.9%	0.0%	0.0%	1.7%	12.6%
Loan with guarantee of region/federal state	4.2%	0.0%	0.0%	2.3%	6.5%
Direct claim against municipality	0.0%	0.3%	0.0%	0.6%	1.0%
Loan with guarantee of municipality	0.0%	0.0%	0.0%	0.0%	0.0%
Others	26.2%	17.4%	15.0%	8.3%	67.0%
	43.9%	17.8%	15.0%	23.4%	

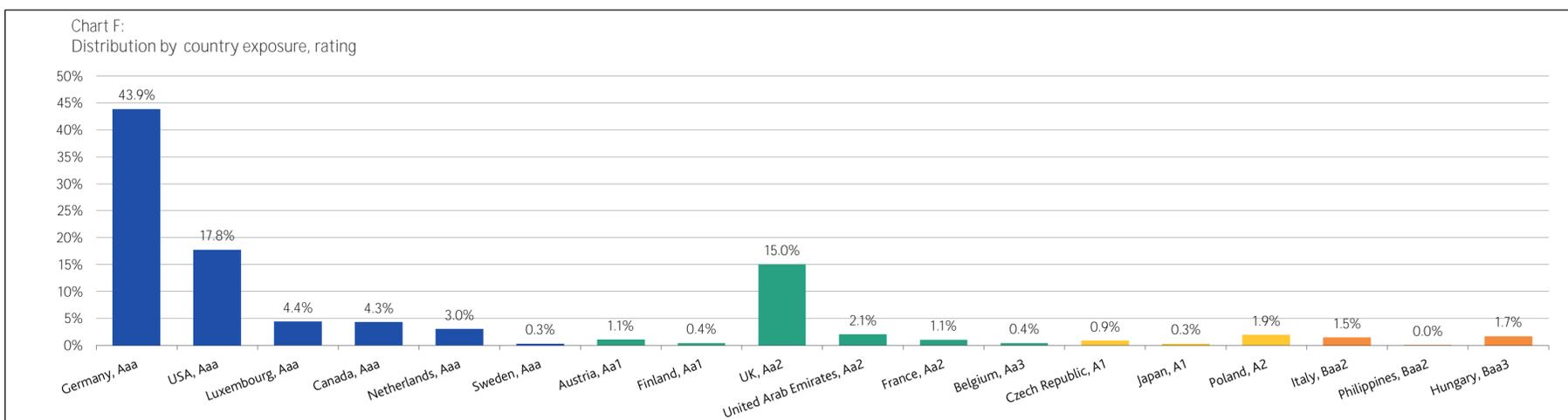
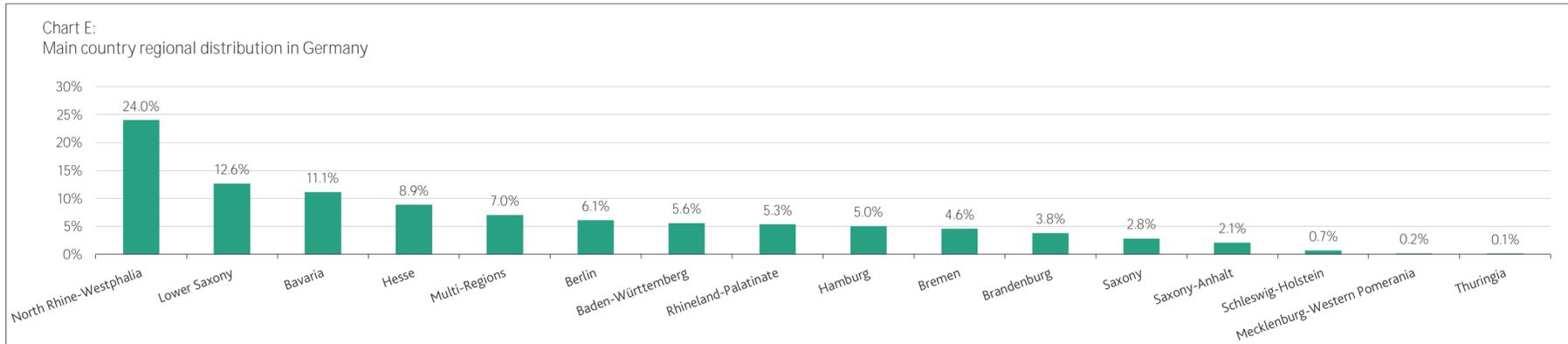
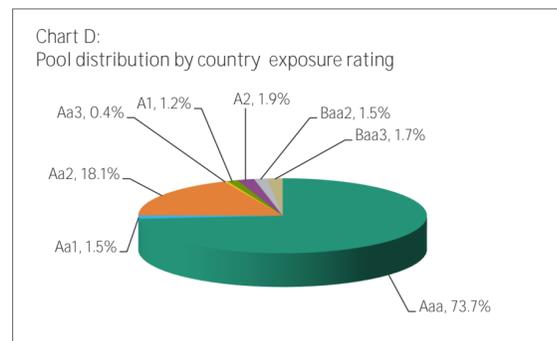
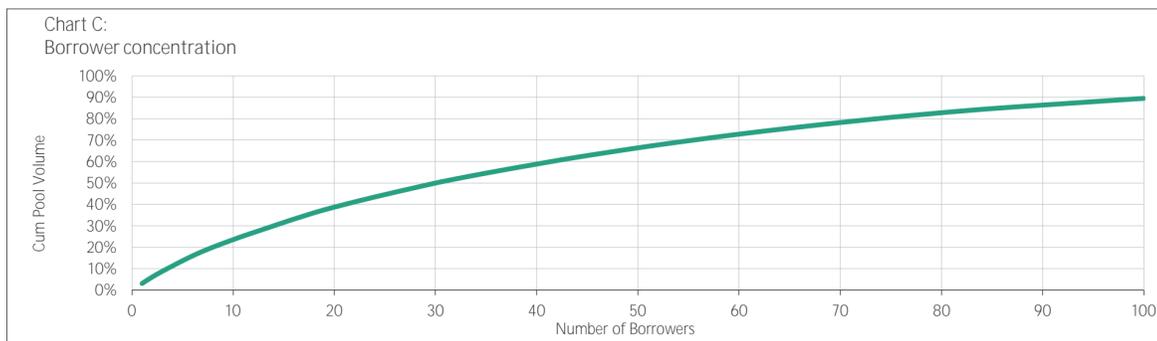
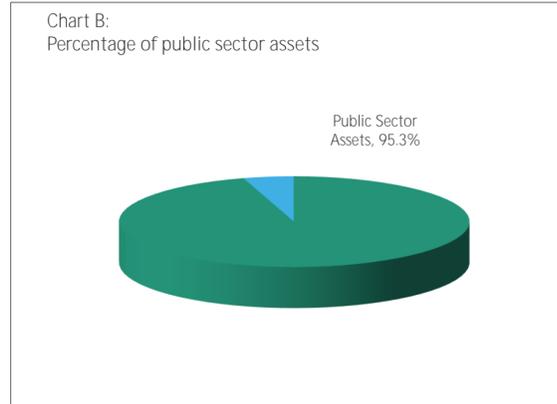


Table A and Chart C are based on debtor data. Charts D, E and F are based on guarantor data or, on unavailability of such information, on debtor data, as reported by the issuer.  
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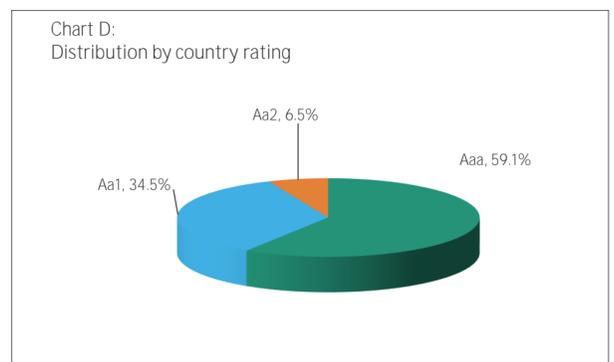
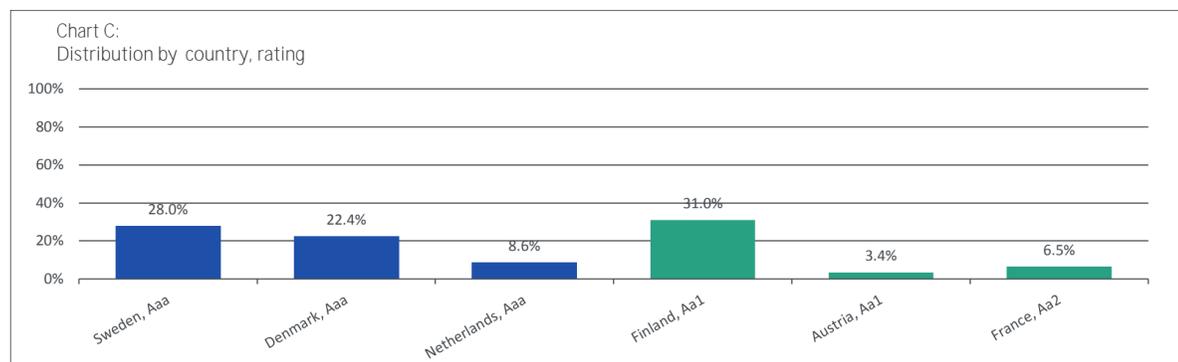
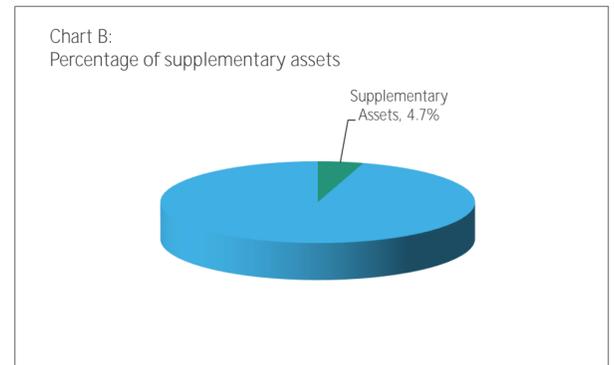
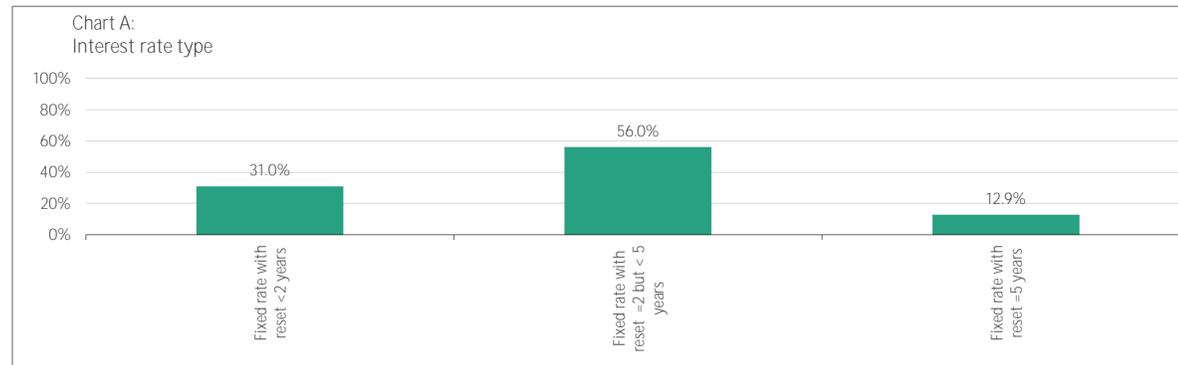
VIII. Cover Pool Information - Supplementary Assets

Overview

Asset type:	Supplementary Assets
Asset balance:	232,000,000
WA remaining Term (in months):	38
Number of assets:	13
Number of borrowers:	8
Average assets size:	17,846,154
Average exposure to borrowers:	29,000,000
n/d: information not disclosed by Issuer	
n/a: information not applicable	

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%



## IX. Swap Information

Counterparty	Type	Notional Amount	Collateral trigger****	Replacement Trigger
<b>Total</b>	<b>Total</b>	<b>2,636,117,488</b>		
	Currency	1,642,526,938		
	Interest rate	993,590,550		
<b>Norddeutsche Landesbank GZ</b>	<b>Subtotal</b>	<b>2,636,117,488</b>		
	Currency	1,642,526,938	none	n/a
	Interest rate	993,590,550	none	n/a

(\*\*\*\*) The Swap Counterparty is already posting collateral (cash).

## X. Liabilities Information: Last 50 Issuances

ISIN	Series Number	Currency	Outstanding Amount	Issuance Date	Expected Maturity	Legal Final Maturity	Interest Rate Type	Coupon	Principal Payment
XS1623756795	EMTN Series 99	USD	50,000,000	06/06/2017	01/08/2019	01/08/2019	Fixed rate	2.080%	BULLETT
XS1623756019	EMTN Series 98	USD	75,000,000	06/06/2017	03/08/2026	03/08/2026	Fixed rate	2.880%	BULLETT
XS1617529323	EMTN Series 97	EUR	10,000,000	23/05/2017	23/05/2022	23/05/2022	Fixed rate	0.300%	BULLETT
XS1569741884	EMTN Series 94	EUR	500,000,000	23/02/2017	23/08/2021	23/08/2021	Fixed rate	0.250%	BULLETT
XS1432510631	EMTN Series 87	EUR	500,000,000	15/06/2016	15/06/2023	15/06/2023	Fixed rate	0.380%	BULLETT
XS1327548530	EMTN Series 80	EUR	5,000,000	02/12/2015	02/12/2024	02/12/2024	Fixed rate	0.850%	BULLETT
XS1316421137	EMTN Series 79	EUR	500,000,000	06/11/2015	06/11/2018	06/11/2018	Fixed rate	0.130%	BULLETT
XS1289534262	EMTN Series 77	EUR	50,000,000	10/09/2015	10/09/2019	10/09/2019	Fixed rate	0.250%	BULLETT
XS1199018398	EMTN Series 74	EUR	500,000,000	10/03/2015	10/03/2020	10/03/2020	Fixed rate	0.250%	BULLETT
XS1152098411	EMTN Series 70	USD	100,000,000	11/12/2014	09/09/2021	09/09/2021	Fixed rate	2.500%	BULLETT
XS1152098338	EMTN Series 71	USD	100,000,000	11/12/2014	08/07/2024	08/07/2024	Fixed rate	3.000%	BULLETT
XS0785173104	EMTN Series 65	EUR	10,000,000	23/05/2012	23/05/2018	23/05/2018	Fixed rate	2.000%	BULLETT
XS0630821980	EMTN Series 61	NOK	500,000,000	25/05/2011	25/05/2021	25/05/2021	Fixed rate	5.000%	BULLETT
XS0557954368	EMTN Series 57	EUR	5,000,000	12/11/2010	05/11/2020	05/11/2020	Fixed rate	3.130%	BULLETT
XS0451363708	EMTN Series 48	EUR	2,000,000	11/09/2009	30/08/2019	30/08/2019	Floating rate	3M EURIBOR + 57 bps	Other amortising
XS0385944946	EMTN Series 31	NOK	525,000,000	04/09/2008	04/09/2018	04/09/2018	Fixed rate	5.630%	BULLETT
XS0307349125	EMTN Series 5	NOK	1,000,000,000	06/09/2007	06/09/2022	06/09/2022	Fixed rate	5.670%	BULLETT
XS0306020057	EMTN Series 4	NOK	100,000,000	20/06/2007	20/06/2022	20/06/2022	Fixed rate	5.600%	BULLETT
CH0030943903	EMTN Series 1	CHF	50,000,000	23/05/2007	23/05/2033	23/05/2033	Fixed rate	3.190%	BULLETT

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