

## NEW ISSUE REPORT

# Vorarlberger Landes- und Hypothekbank AG – Public-Sector Covered Bonds

Covered Bonds / Austria

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**First Rating Assignment**

2009

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**Definitive Ratings**

Cover Pool	Ordinary Cover Pool Assets	Covered Bonds	Rating
1,204,140,524	Public-sector debt	649,061,633	Aa1

The ratings address the expected loss posed to investors. Moody's ratings address only the credit risks associated with the transaction. Other non-credit risks have not been addressed, but may have a significant effect on yield to investors

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**Transaction Summary**

We have assigned definitive Aa1 long-term ratings to the covered bonds issued under Vorarlberger Landes- und Hypothekbank AG's (Hypo Vorarlberg, or the issuer) public-sector covered bond programme. The covered bonds are full recourse to the issuer (CR Assessment A3(cr)). Following a CB anchor event,<sup>1</sup> the covered bondholders will have priority claims over an asset pool (cover pool), which as of 31 December 2015 amounted to €1.2 billion. The cover pool comprises mostly claims against Austria, or Austrian regional or local governments, or claims guaranteed by these entities.

The covered bonds are governed by the Austrian Pfandbrief Act (*Pfandbriefgesetz*). There are several strengths in the Austrian Pfandbrief Act, which include *inter alia* that the issuer is regulated and supervised by the Austrian Financial Supervisory Authority (*Österreichische Finanzmarktaufsicht* or FMA) and that the nominal value of the cover pool assets must at all times be at least equal to the nominal value of all outstanding covered bonds. In addition, the interest income on the cover pool assets must also cover the coupon payments on the outstanding covered bonds at all times.

In summary, among other things, the Aa1 ratings take into account:

- » The issuer's credit strength;
- » The Austrian legal framework for covered bonds;
- » The cover pool's credit quality, evidenced by the collateral score of 8.9%, which is below the average collateral score for public-sector covered bonds that we rate; and
- » The total level of over-collateralisation currently in the cover pool is 85.5%.

We have assigned a TPI of "High" to these covered bonds.

The current covered bond rating relies on over-collateralisation over and above the minimum legal and contractual requirements. Based on data as of 31 December 2015, 24.0% over-collateralisation is required to maintain the current covered bond rating, of which 0.0% needs to be committed. This shows that our analysis relies on over-collateralisation that is not in committed form.

As is the case with other covered bonds, we consider the transaction to be linked to the issuer's credit strength, particularly from a default probability perspective. Should the issuer's credit strength deteriorate, we expect all other things being equal that the covered bonds' rating will come under pressure.

In case of deterioration of the CB anchor or the pool quality, the issuer would have the ability, but not obligation, to increase the OC in the cover pool. Failure to increase the level of OC under these circumstances could lead to negative rating actions.

The principal methodology we use in rating the issuer's covered bonds is "Moody's Approach to Rating Covered Bonds", published in August 2015.

Other methodologies and factors that may have been considered in the rating process can also be found on <http://www.moodys.com>. In addition, we publish a weekly summary of structured finance credit, ratings and methodologies, available to all registered users of our website, at [www.moodys.com/SFQuickCheck](http://www.moodys.com/SFQuickCheck).

## Opinion

### Strengths of the Transaction

#### Issuer:

- » The covered bonds are full recourse to Hypo Vorarlberg.

#### The Austrian legal framework:

The covered bonds are issued in accordance with the Austrian Pfandbrief Act (*Pfandbriefgesetz*), which explicitly protects the status of covered bondholders. The legislation has several strengths, including:

- » Under the Act, the issuer is regulated and supervised by the FMA.
- » Covered bonds are secured by a separate pool of assets, which are subject to conservative eligibility criteria set out by the Austrian *Pfandbrief* Act. For this issuance, only debt from public-sector entities in Austria or other member states of the European Economic Area (EEA) and Switzerland represent eligible assets.
- » A cover pool monitor (*Treuhänder*) will monitor the various day-to-day operations with respect to the cover pool.

- » If the issuer is declared bankrupt, the cover pool will be segregated from the issuer's general bankruptcy estate and the covered bondholders will have a priority claim on the cash flows stemming from the cover pool assets.
- » A cover pool administrator (*besonderer Verwalter*) appointed by a court, will undertake the necessary administrative measures to satisfy the claims of the covered bondholders.
- » The Austrian Pfandbrief Act requires the issuer to maintain a cover pool with a nominal value of at least 102% of the nominal value of the outstanding covered bonds.

#### Credit Quality of the Cover Pool:

- » A cover pool of high-quality assets backs the covered bonds. The cover assets are claims against public-sector entities, most of which (83.9%) are located in Austria. The Austrian cover assets are mostly claims against regional governments (6.8% of the cover pool), or debt guaranteed by such entities (28.5%). On average, we consider that these asset types are of good credit quality.
- » The collateral quality is reflected in the collateral score, which is currently 8.9%. This is above the average collateral score for other public-sector covered bonds that we rate.

#### Refinancing Risk:

- » The ability of the cover pool administrator to raise funds against the cover pool assets, e.g., bridge loans or the sale of cover pool assets.
- » In general, the more liquid nature of high-quality public-sector debt should improve the sales value of the cover pool.

#### Interest-Rate and Currency Risks:

- » 36.0% of the cover pool assets have a variable rate.
- » The currency of the cover assets and the outstanding covered bonds are well matched. The vast majority of cover pool assets and outstanding covered bonds are euro-denominated.

#### De-Linkage:

- » Following a CB anchor event,<sup>2</sup> the covered bondholders will benefit from a cover pool administrator that acts independently from the insolvency administrator of the issuer.

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](http://www.moodys.com) for the most updated credit rating action information and rating history.

## Weaknesses and Mitigants

### Issuer:

- » As with most covered bonds, until issuer default the issuer can materially change the nature of the programme. For example, new assets may be added to the cover pool, new covered bonds issued with varying promises and new hedging arrangements entered into. These changes could affect the credit quality of the cover pool and alter the degree of overall market risks. **Mitigants:** (i) The covered bondholders have a direct claim on the issuer; and (ii) there are requirements and controls imposed by the Act.

### Credit Quality of the Cover Pool:

- » As of 31 December 2015, the cover pool has the following concentrations (i) geographical concentration – 83.9% of the claims are against public-sector entities in Austria; and (ii) obligor concentration: the ten largest obligors for 62.8% of the cover pool. These facts increase the probability of significant losses. **Mitigants:** The obligors are generally of high credit quality. Furthermore, our collateral model takes into account the effect of concentration on borrower, regional and country levels. In this particular transaction the obligor concentration is the main driver of the collateral score.
- » As with most covered bonds in Europe, there are few restrictions on the future composition of the cover pool, which means that substitution risk exists. **Mitigants:** The credit quality of the cover pool, over time, will be protected by, among other things, the requirements of the Austrian covered bond legislation, which sets out rules detailing assets that qualify as cover assets for public-sector covered bonds. In addition, Moody's will monitor the cover pool. If the collateral quality deteriorates below a certain threshold, the issuer would have the ability, but not the obligation, to increase the over-collateralisation in the cover pool. Failure to increase the level of over-collateralisation following a deterioration of the cover pool could lead to negative rating actions.

### Refinancing Risk:

- » Following a CB anchor event, to achieve timely principal payment, covered bondholders may need to rely on proceeds being raised through the sale of, or borrowing against, assets in the cover pool. Following a CB anchor event, the market value of these assets may be subject to high volatility. **Mitigants:** (i) The credit strength of the issuer. The stronger the issuer's credit strength, the lower the chance of being exposed to this risk; (ii) the credit quality of the cover pool; and (iii) we used stressed refinancing margins in our modelling.

### Interest-Rate and Currency Risk:

- » As with most European covered bonds, there is potential for exposure to interest-rate and currency risks. For example, following issuer default, covered bondholders may be exposed to interest-rate risk, which could arise from the different payment promises and durations made on the cover pool and the covered bonds. **Mitigant:** According to the Austrian *Pfandbrief* Act, the cover pool assets must also cover the outstanding covered bonds in terms of interest income, at all times.

### Liquidity:

- » The programme does not benefit from any designated source of liquidity if cash flow collections are interrupted. **Mitigants:** (i) The strengths of the Austrian legal framework for covered bonds, which include the alternatives given to the cover pool administrator for raising funds against the cover pool; and (ii) the issuer's obligation – by the operation of the Austrian *Pfandbrief* Act in combination with the issuer's articles of association – to maintain a sufficient amount of cover pool assets to cover the outstanding liabilities on a nominal and present value basis.

### Time Subordination:

- » After issuer default, later-maturing covered bonds are subject to time subordination. Principal cash collections may be used on a first-come-first-serve basis, paying earlier-maturing covered bonds before later-maturing covered bonds. This could lead to over-collateralisation being eroded before any payments are made to later-paying covered bonds.

## Structure Summary

Issuer:	Vorarlberger Landes- und Hypothekbank AG (A3(cr))
Covered Bond Type:	Covered Bonds ( <i>Pfandbriefe</i> )
Issued under Covered Bonds Law:	Yes
Applicable Covered Bonds Law:	Austrian Pfandbrief Act ( <i>Pfandbriefgesetz</i> )
Main Originator(s):	Hypo Vorarlberg
Main Servicer(s):	Hypo Vorarlberg
Intra group Swap Provider:	No
Monitoring of Cover Pool:	Cover pool monitor (Treuhand), mandatory by operation of the Austrian covered bond legislation
Trustees:	n/a
Timely Payment Indicator (TPI):	High
TPI Leeway:	Not disclosed

## CB Anchor

CR Assessment	A3(cr)
Senior unsecured rating	Baa1
Adjusted BCA	baa3
CB Anchor	CR assessment + 1 notch

## Covered Bonds Summary

Total Covered Bonds Outstanding:	EUR 649,061,633
Currency of Covered Bonds:	Euro (53.5%), Swiss Franc (46.5%)
Extended Refinance Period:	No
Principal Payment Type:	Hard bullet (no extension period)
Interest Rate Type:	Fixed rate (64.0%) and floating rate covered bonds (36.0%)

## Collateral Summary

Size of Cover Pool:	EUR 1,204,140,524
Main collateral type in Cover Pool:	Public-sector debt (100%)
Main Asset Location:	Austria (83.9%)
Loans Count:	549
Number of Borrowers:	148
Main Currency:	Euro (76.8%)
Concentration of 10 biggest borrowers:	62.8%
WA Remaining Term:	128 months
Interest Rate Type:	Fixed rate assets (87.5%), floating rate assets (11.5%)
"Committed" Over-Collateralisation:	2.0%
Current Over-Collateralisation	85.5% (on a nominal basis)
Cover Pool Losses:	34.8%
Collateral Score:	8.9%
Further details:	See Appendix 1
Pool Cut-off Date:	31 December 2015

## Structural and Legal Aspects

### Public-Sector Covered Bonds governed by Pfandbriefgesetz

Hypo Vorarlberg's public-sector covered bonds are governed by the Austrian *Pfandbrief Act (Pfandbriefgesetz)*. Appendix 2 provides a description of the general legal framework.

### Moody's Rating Methodology

The approach used by Moody's for rating covered bond transactions is detailed in our Rating Methodology.<sup>3</sup> The effect of the credit strength of the issuer, quality of the collateral and market risks are considered below.

#### Credit Strength of the Issuer

The covered bonds benefit from a direct recourse to the issuer (A3(cr)).

#### The Credit Quality of the Cover Pool

As of 31 December 2015, the cover pool comprises 100% public-sector debt, mainly of Austrian borrowers (83.9%).

The cover pool assets total €1.2 billion, backing €649 million covered bonds. The over-collateralisation is 85.5% on a nominal basis. All loans are performing and no claim is in arrears by more than two months. For further information on the cover pool, see Appendix 1.

#### Public-Sector Debt

From a credit perspective, we view the following characteristics of the public-sector debt as positive:

- » All loans are performing.
- » The obligors are of high credit quality.

From a credit perspective, we regard the following portfolio characteristics of the public-sector debt as negative:

- » Obligor concentration: The ten largest obligors account for around 62.8% of the cover pool assets. **Mitigants:** (i) The credit quality of the obligors in general is high – including the largest obligors in the cover pool; and (ii) in our modelling, we considered the obligor concentration.
- » Geographical concentration: Most of the obligors are situated in Austria 83.9%. Within Austria, the claims against public-sector entities from Vorarlberg account for 34.9% of the Austrian public-sector debt in the cover pool. **Mitigant:** The generally high credit quality of the obligors. Furthermore, in our modelling, we take into account the effect of concentration on obligor, regional and country levels.

#### Summary Collateral Analysis: Collateral Score

We have incorporated into our analysis the factors discussed in section above, "Public-Sector Debt". We calculate a collateral

score<sup>4</sup> based on the credit quality of the cover pool assets as described above. In addition, the collateral score published in this report reflects all adjustments made; this number therefore includes the cushion built in to address these factors. For this transaction, the collateral score of the current pool is 8.9%, which is lower than the average collateral score for public-sector covered bonds that we rate (see Related Research: [Moody's Global Covered Bonds Monitoring Overview: Q3 2015](#), published in March 2016).

### Other Credit Considerations

#### *Legal risks for assets located outside Austria*

If the issuer becomes insolvent, we believe that any cover pool assets located outside Austria are less protected against the claims of other creditors of the issuer than assets located in Austria. In particular, we identified and analysed the following scenarios:

- » **Claims against borrowers located outside Austria, or loans not governed by Austrian law:** For loans not governed by Austrian law, the borrower may be allowed to exercise set-off, thereby reducing the amount payable by that borrower. Currently only 16.1% of the cover assets are not domestic.
- » **Loans to borrowers located outside the EEA:** In addition to the above risk, we understand that these cover pool assets may not be available to the covered bondholders on a priority basis because other (unsecured) creditors of the issuer may successfully access the assets in the cover pool. This may – due to secondary proceedings being commenced under the respective domestic law, for example – result in lower recoveries on the assets.<sup>5</sup> Currently, only 0.4% of the cover assets are located outside the EEA.

#### *Substitution risks are mitigated by the Act*

As with most covered bonds in Europe, there are few restrictions or limitations on the future composition of the cover pool. This may have the effect of creating substitution risk. **Mitigants** to substitution risk, which should protect the quality of the cover pool over time, include:

- » The requirements of the Austrian *Pfandbrief Act*; and
- » The cover pool composition will be monitored.

If the collateral quality deteriorates below a certain threshold, the issuer has the option of increasing the over-collateralisation in the cover pool to support the current rating. If additional over-collateralisation is not added following the deterioration of the collateral, this could lead to negative rating actions on the covered bonds.

#### Refinancing Risk

Following CB anchor event, when the "natural" amortisation of the cover pool assets alone cannot be relied on to repay principal, we assume that funds must be raised against the cover pool at a discount if covered bondholders are to receive timely principal payment. Where the portion of the cover pool

that is potentially exposed to refinancing risk is not contractually limited, our expected loss analysis typically assumes that this amount exceeds 50% of the cover pool.

Following CB anchor event, the market value of these assets may be volatile. Examples of the stressed refinancing margins that we use for different types of prime-quality assets are published in our Rating Methodology.

Aspects of this covered bond programme that are refinancing-positive include:

- » The Act: Upon issuer default, the cover pool administrator has, *inter alia*, the ability to (i) transfer the cover pool together with the covered bonds to another suitable bank, which will assume the liabilities under the transferred covered bonds; or (ii) sell the cover pool assets to raise liquidity, if cash is needed for due payments on the outstanding covered bonds. The cover pool administrator may also raise funds against the cover pool assets through bridge loans.
- » In general, the relatively liquid nature of high quality public-sector debt should improve the sales value of the cover pool. Furthermore, 30.4% of the cover pool assets currently qualify as collateral for repo trades with the Austrian central bank.
- » The high credit quality of the cover pool, which is reflected in the collateral score. A higher credit quality of the cover pool will lead to a lower write-off for losses and lower refinancing margins applied, all other variables being equal.

Aspects of this covered bond programme that are refinancing-negative include:

- » The programme does not benefit from any contractual provisions to allow for an extension of a principal refinancing period.
- » All covered bonds issued under this programme have a hard-bullet repayment, with no extension period.
- » We expect that the cover pool assets will have a higher weighted-average life, compared with the outstanding covered bonds.

## Interest-Rate and Currency Risk

Following CB anchor event, covered bondholders may be exposed to interest-rate risk, which could arise from the different payment promises and durations made on the cover pool and the covered bonds.

EXHIBIT 1

### Overview Assets and Liabilities

	Assets (%)	Liabilities (%)	WAL Assets (Years)	WAL Liabilities (Years)
Fixed rate	64.0	87.5	6.9	8.1
Variable rate	36.0	12.5	5.7	14.4

WAL = weighted-average life

Aspects specific to this covered bond programme that are positive include:

- » The portion of variable-rate assets in the cover pool is 36.0%.
- » According to the Austrian *Pfandbrief* Act, the cover pool assets must also cover the outstanding bonds in terms of interest income at all times.

Aspects specific to this covered bond programme that are negative include:

- » The weighted-average life of the covered bonds is expected to remain shorter than the weighted-average life of the cover pool assets. A potential sale of the fixed-rate assets to meet due payments on covered bonds following issuer's default – 64.0% of the cover pool assets are fixed rate – could lead to a crystallisation of mark-to-market losses caused by interest-rate movements.
- » There is some limited currency mismatch. Currently the vast majority of the assets and covered bonds are euro-denominated.

If the issuer becomes insolvent, we do currently not assume that the cover pool administrator will always be able to efficiently manage any natural hedge between the cover pool and the covered bonds.

Following the CB anchor event, the Moody's Covered Bond Model looks separately at the effect of increasing and decreasing interest rates on the expected loss of the covered bonds, taking the path of interest rates that leads to the worst result. The interest and currency stressed rates used over different time horizons are published in our Rating Methodology.

As of the date of this report, the issuer has not registered any swaps or derivatives in the cover pool register of its public-sector covered bond programme, and we understand that this is not planned for the near future.

## Linkage

All covered bonds are linked to the underlying issuer rating. The covered bonds will therefore come under rating stress if the issuer's credit strength deteriorates. Reasons for this include:

- » Refinancing risk: Following a CB anchor event, if principal receipts from collections of the cover pool are not sufficient to meet the principal payment on a covered bond, funds may need to be raised against the cover pool. However, the fact that the issuer has defaulted may negatively affect the ability to raise funds against the cover pool.
- » The exposure to decisions made by the issuer in its discretion as manager of the covered bond programme. For example, before a CB anchor event, the issuer may add new assets to the cover pool, issue further bonds and

enter into new hedging arrangements. These actions could negatively affect the value of the cover pool.

- » More generally, by the incorporation of the strength of the issuer in accordance with our rating methodology.

As a result of this linkage, the probability of default of the covered bonds may be higher than expected for a senior unsecured debt with the same rating. However, our primary rating target is the expected loss, which also takes severity of loss into account, which in this case is consistent with the covered bond rating.

Our Timely Payment Indicator (TPI) assesses the likelihood that timely payments will be made to covered bondholders following a CB anchor event, and thus determines the maximum rating a covered bond programme can achieve with its current structure while allowing for the addition of a reasonable amount of over-collateralisation.

Aspects to this covered bond programme that are TPI-positive include:

- » In general, the more liquid nature of high quality public-sector debt (see also above under "The Credit Quality of the Cover Pool").
- » The Austrian *Pfandbrief* Act, including:
  - At the time of a declaration of bankruptcy of the issuer, a cover pool administrator will take over management responsibility of the covered bond programme. The cover pool administrator will act independently from the issuer's bankruptcy receiver. Having an independent cover pool administrator may reduce potential conflicts of interest between the covered bondholders and other creditors.
  - Set-off risk: We understand that setting-off against claims registered in the cover pool is not permitted in context of cover pool assets located in Austria and governed by Austrian law.
  - Ability of the cover pool administrator to raise funds against the cover pool assets, for example through bridge loans.
  - A certain minimum over-collateralisation of 2% on a nominal basis.
- » The obligors in the cover pool are generally of high credit quality.

Aspects to this covered bond programme that are TPI negative include:

- » All covered bonds outstanding have a bullet repayment at maturity, without any extension period for the repayment of the bonds.
- » The covered bond programme does not benefit from any designated source of liquidity if cash flow collections are interrupted.

- » Commingling risk: We understand that, upon the appointment of the cover pool administrator, it has a priority claim on all cash flows stemming from the cover pool assets. However, the cover pool administrator must separate these cash flows from other cash flows to the issuer before payment is made to covered bondholders.

In line with the other public-sector covered bonds issued under the Austrian covered bond legislation, we have assigned a TPI of High to this transaction.

The TPI Leeway measures the number of notches by which Moody's might lower the CB anchor before the rating agency downgrades the covered bonds because of TPI framework constraints. The TPI Leeway for this programme is not disclosed as the issuer's CR assessment is not published.

## Monitoring

The issuer is expected to deliver certain performance data to Moody's on an ongoing basis. If this data is not made available to us, our ability to monitor the ratings may be impaired. This could negatively affect the ratings or, in some cases, our ability to continue to rate the covered bonds.

## Appendix 1: Cover Pool Information: Public-Sector Debt

### Overview

Asset type :	Public Sector
Asset balance :	1,204,140,524
WA Remaining Term (in months) :	128
Number of borrowers :	148
Number of loans :	549
Exposure to the 10 largest borrowers :	62.8%
Average exposure to borrowers :	8,136,085

n/d : information not disclosed by issuer

### Specific Loan and Borrower characteristics

Repo eligible loans :	30.4%
Percentage of fixed-rate loans :	64.0%
Percentage of bullet loans/ bonds :	52.7%
Loans in non-domestic currency :	23.2%
Performance	
Loans in arrears ( ≥ 2months - < 6months) :	0.0%
Loans in arrears ( ≥ 6months - < 12months) :	0.0%
Loans in arrears ( > 12months) :	0.0%
Loans in a foreclosure procedure :	0.0%

EXHIBIT A

### Borrower Type

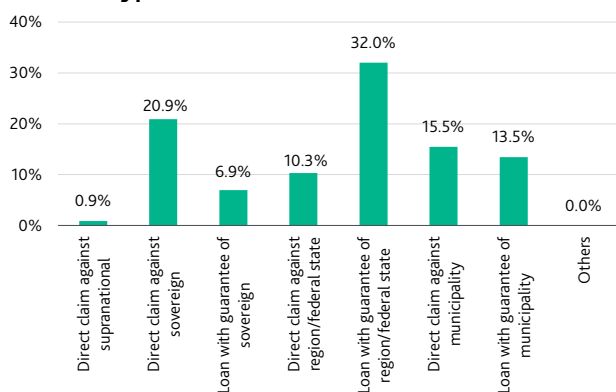


EXHIBIT B

### Asset Types in Cover Pool

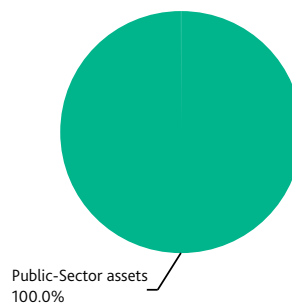


EXHIBIT C

### Borrower Concentration

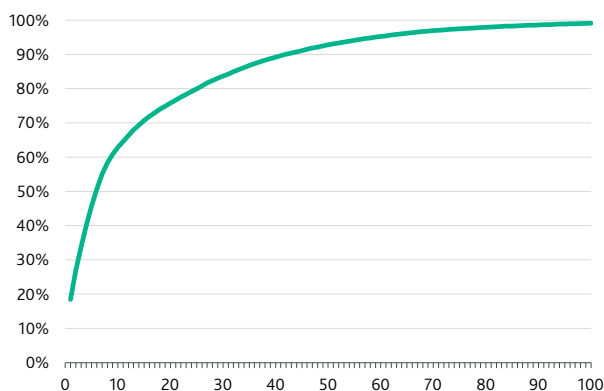


EXHIBIT D

### Pool distribution by country exposure rating

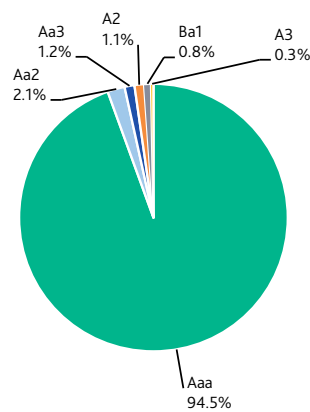




EXHIBIT E

Main Country Regional Distribution

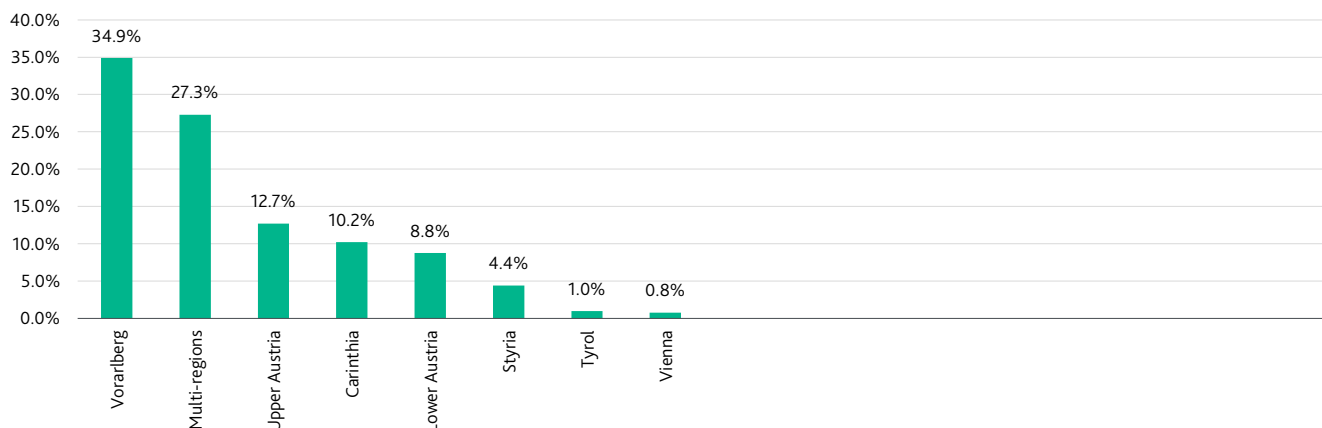
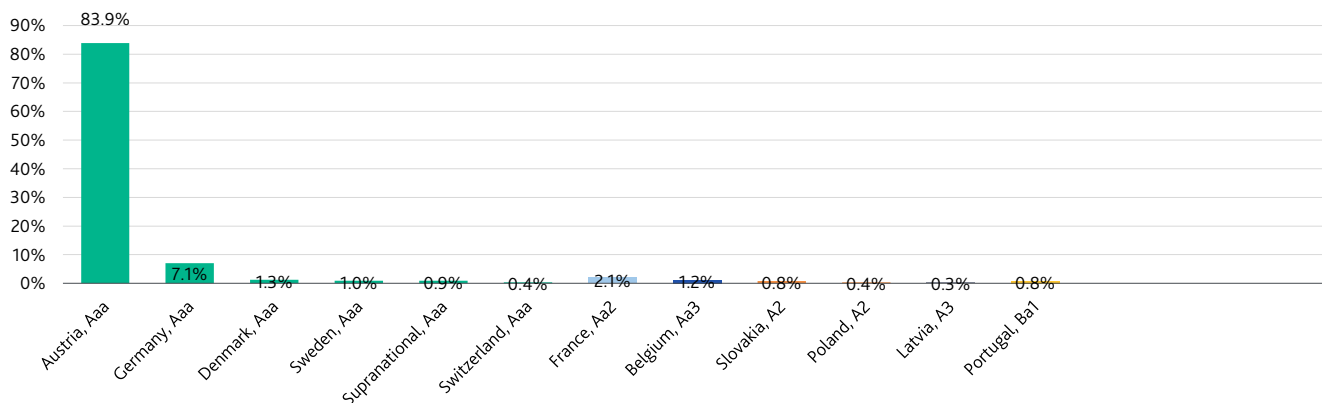


EXHIBIT F

Distribution by country exposure, rating



Qualitative Collateral Information

All cover pool characteristics are actual levels (rather than assumed levels) based on reports from Vorarlberger Landes- und Hypothekenbank AG.

## Appendix 2: Legal Framework for Austrian Public-Sector Covered Bonds

### General Provisions in the Austrian *Pfandbrief Act*

In Austria, there are three different covered bond acts, under which Austrian covered bond issuers can issue covered bonds. The three acts are:

- (i) Mortgage Bank Act (*Hypothekbankgesetz*);
- (ii) Austrian *Pfandbrief Act* (*Pfandbriefgesetz* or *PfandbriefG*); and
- (iii) Austrian *Pfandbrief Act* (*Gesetz betreffend fundierte Bankschuldverschreibungen* or *FBSchVG*), see chart 1 below.

For the purposes of this report, our references to Austrian covered bond legislation relates to all these three types of act and other relevant regulation, if not stated otherwise.

This covered bond transaction is governed by the Austrian *Pfandbrief Act*, under which covered bonds will be issued from time to time, in each case constituting direct, unconditional and senior obligations of the issuer. The issuer is a regulated bank and supervised by the Financial Supervisory Authority of Austria (*Österreichische Finanzmarktaufsicht* or FMA).

The covered bonds are secured by a pool of assets (cover pool). The covered bond issuer has to establish a cover register for its covered bonds, which secures covered bondholder's claims upon insolvency of the covered bond issuer. Upon insolvency of the covered bond issuer, all cover assets, including, in our understanding, the actual over-collateralisation at that point in time, would be available for the covered bondholder on a priority basis. If a covered bond issuer issues more than one type of covered bond, the Austrian covered bond legislation requires the covered bond issuer to maintain a separate cover register for each covered bond type.

The Austrian *Pfandbrief Act* sets out rules detailing which assets qualify as cover assets for public-sector covered bonds. Eligible assets for a public-sector cover pool are (i) direct claims against public-sector entities located in Austria and member states of the EEA, or Switzerland; or (ii) debt guaranteed by the aforementioned public-sector entities. The law imposes further restrictions based on risk weights.

In the event of the issuer's insolvency, it is possible that assets located outside Austria (i.e., public-sector borrowers located outside Austria) will be less protected against claims of other creditors of the issuer compared with assets located in Austria. For claims against borrowers located outside Austria and for assets governed by non-Austrian law, the amount due by the borrowers could be determined based on foreign law. This law may allow the borrower to exercise set-off, hence, the amount payable by such borrower may be reduced accordingly.

In case of Swiss cover assets, we understand that, in the event of an issuer default, a Swiss court might open a secondary insolvency proceeding against the issuer in Switzerland. From an expected loss point of view, we do not consider this as a

significant concern, because we understand that only a small group of Swiss creditors of the issuer – for example Swiss employees of the issuer – would be able to make their claims within these proceedings. However, we also understand that payments on the cover pool assets in Switzerland might not be available for the cover pool administrator for as long as the secondary insolvency proceedings continue in Switzerland.

Pursuant to the Austrian *Pfandbrief Act*, the covered bond issuer has to comply with a nominal cover test. This test requires a minimum over-collateralisation of 2%. In addition the interest income on the cover pool assets must also cover the coupon payments on the outstanding covered bonds at all times.

The Austrian *Pfandbriefgesetz* allows issuers to commit themselves to a present value test (PV test). It is Moody's understanding that the issuer becomes legally obliged to maintain this PV test by operation of the Austrian covered bond legislation if this has been included in the articles of association of the issuer.

The covered bond issuer may include derivatives in the cover pool. We understand that claims of hedge counterparties rank equally with those of covered bondholders.

OeNB has established a reporting mechanism, whereby the covered bond issuer must regularly report key figures to the regulator. In addition, a cover pool monitor will monitor various operations with respect to the cover pool on a day-to-day basis. For example, we understand that cover assets may not be de-registered from the cover pool without the prior consent of the cover pool monitor.

In the event of an issuer default, the cover pool will be segregated from the bankruptcy estate of the issuer and a cover pool administrator (*besonderer Verwalter*) will be appointed upon the commencement of bankruptcy procedures. This cover pool administrator shall undertake the necessary administrative measures to satisfy claims by the covered bondholders by collecting claims that are due, selling individual cover assets or organising bridge financing.

Payments and receivables on the cover pool assets are not required to be separated from other cash flows of the covered bond issuer before a declaration of bankruptcy. Upon the commencement of bankruptcy proceedings, the covered bondholders would have a preferential claim on all receivables in the cover pool. The appointed cover pool administrator will be obliged by operation of the Austrian *Pfandbrief Act* to apply all collections to satisfy the preferential claims against the cover pool.

We understand that no set-off may be exercised by the borrower against the Austrian cover assets registered in the cover pool and governed by Austrian law by the operation of the act.

In the event of an issuer default, the following scenarios may occur:

- » If feasible, the cover pool administrator may transfer the cover pool together with the obligations under the covered bonds to another suitable bank, which will assume the obligations under the covered bond and will take over the cover pool.
- » If the cover pool and the outstanding covered bonds are not transferred and the cover pool assets are not sufficient to satisfy all claims of covered bondholders, the outstanding covered bonds would accelerate. The cover pool administrator would dispose of the cover pool assets, subject to the approval of the competent court and distribute the proceeds stemming from the disposal of the cover pool assets among the cover bondholders on a *pari passu* basis. If the proceeds prove insufficient to meet all claims of the *pari passu* creditor of the cover pool, then the covered bondholders will have a senior unsecured claim against the general bankruptcy estate of the covered bond issuer.
- » Subject to the approval of the competent court, the cover pool administrator may sell the cover pool assets and satisfy the claims of the covered bondholders by an early redemption of the covered bonds at the then-current present value, provided certain conditions were met, which include the following:
  - A transfer of the cover pool together with the outstanding covered bond to another suitable bank is not possible;
  - There is sufficient cover for all *pari passu* claims against the cover pool; and
  - The covered bond issuer has opted for an early redemption at present value in its articles of association in this scenario. We understand that Hypo Vorarlberg has not used this option for its public-sector covered bonds.

## EXHIBIT 2

## Overview of Covered Bond Acts in Austria

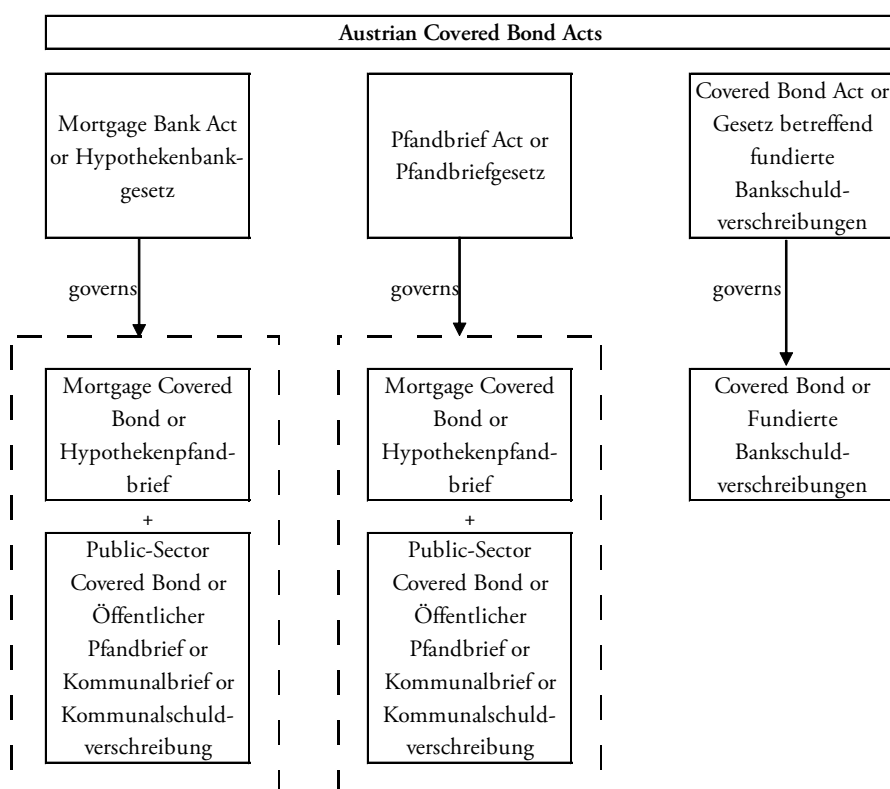
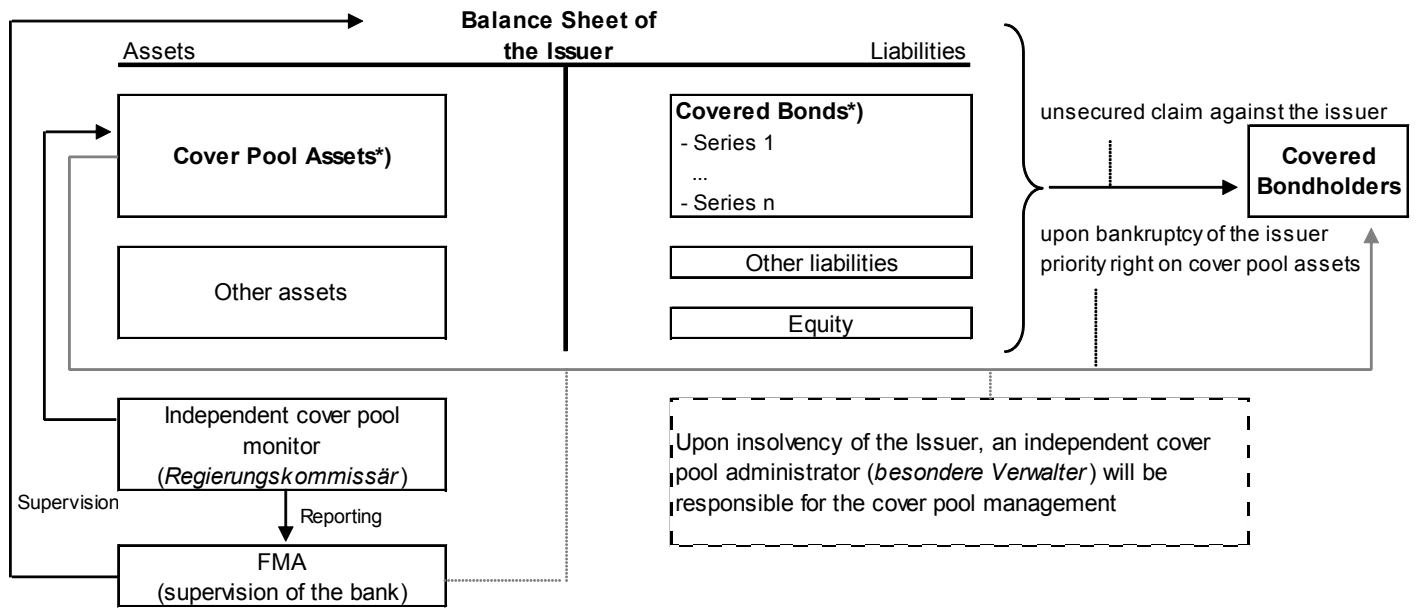


EXHIBIT 3

**General Structure of an Austrian covered bond**



\* A covered bond issuer may have more than one covered bond programme. Covered bond series from different programmes would be covered by different cover pools.

FMA = Österreichische Finanzmarktaufsicht (Austrian Financial Supervisory Authority)

## Moody's Related Research

For a more detailed explanation of Moody's approach to this type of transaction as well as similar transactions please refer to the following reports:

### Rating Methodology:

- » [Moody's Approach to Rating Covered Bonds, August 2015 \(SF412595\)](#)

### Special Comments:

- » [Moody's Global Covered Bonds Monitoring Overview: Q3 2015, March 2016 \(1018320\)](#)
- » [European Covered Bond Legal Frameworks: Moody's Legal Checklist, German Translation, January 2006 \(SF67969\)](#)
- » [European Covered Bond Legal Frameworks: Moody's Legal Checklist, December 2005 \(SF66418\)](#)

### Announcement:

- » [Moody's updates on non-EEA assets in German and Austrian covered bond transactions, April 2010](#)

### Performance Overview:

- » [Vorarlberger Landes- und Hypothekenbank AG - Public Sector Covered Bonds, December 2015 \(SF422614\)](#)

### Webpage:

- » [www.moodys.com/coveredbonds](http://www.moodys.com/coveredbonds)

To access any of these reports, click on the entry above. Note that these references are current as of the date of publication of this report and that more recent reports may be available. All research may not be available to all clients.

Moody's publishes a weekly summary of structured finance credit, ratings and methodologies, available to all registered users of our website, at [www.moodys.com/SFQuickCheck](http://www.moodys.com/SFQuickCheck).

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- <sup>1</sup> A CB anchor event occurs when the issuer, or another entity in the issuer group that supports the issuer, ceases to service the debt obligations under the covered bonds.
  - <sup>2</sup> Issuer default is defined as removal from the cover pool of (i) support provided by entities within the issuer, (ii) ancillary activities of the issuer (i.e. those not related to the cover pool) and (iii) usually, management functions of the issuer.
  - <sup>3</sup> "[Moody's Rating Approach to Covered Bonds](#)", published in August 2015 (see Related Research).
  - <sup>4</sup> The collateral score can be seen as the amount of risk-free enhancement required to protect a Aaa rating from otherwise unsupported assets – therefore, the stronger the credit quality of the collateral, the lower the collateral score. This only considers the credit deterioration of the assets and ignores any market risk (see Rating Methodology "[Moody's Rating Approach to Covered Bonds](#)" published in August 2015 (see Related Research)).
  - <sup>5</sup> Please see Press Releases "[Moody's updates on status of non-EEA assets in Austrian and German Covered Bond transactions](#)", June 2009 and "[Moody's updates on non-EEA assets in German and Austrian covered bond transactions](#)", April 2010.

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