ING DiBa AG - Mortgage Covered Bonds

Covered Bonds / Germany

I. Programme Overview

Overview
- Year of initial rating assignment: 2011
- Total outstanding (at latest report date): EUR 1,260,000,000
- Total assets in the Cover Pool: EUR 3,280,150,566
- Issuer name / CR Assessment: ING DiBa AG / Aa3(cr)
- Group or parent name / CR Assessment: CR Assessment + 1 notch
- Main collateral type: Residential

Ratings
- Covered Bond rating: Aa3
- Entity used in Moody's EL & TPI analysis: ING DiBa AG
- CR Assessment: Aa3(cr)
- EUR: Aa3
- Unsecured claim used for Moody's EL analysis: Yes

II. Value of the Cover Pool

Collateral quality
- Collateral Score: 5.0%
- Collateral Score excl. systemic risk: 2.9%

Cover Pool losses
- Collateral Risk (Collateral Score post-haircut): 3.4%
- Market Risk: 13.2%
  - EUR: 13.0%
  - 100%

III. Over-Collateralisation Levels

[notes 2 & 3]

Over-collateralisation levels are provided on any of the following: nominal basis or unstressed NPV basis or on stressed NPV basis.

NPV stress test where stressed: Dynamic

Current situation
- Committed OC (Unstressed NPV): 2.0%
- Current OC (Unstressed NPV): 2.0%
- Current OC (Stressed NPV): 200.5%
- OC consistent with current rating (note 4): 0.0%

IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI) & TPI Leeway
- TPI Leeway: 5

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

<table>
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<tr>
<th>CR Assessment</th>
<th>High</th>
<th>Aaa</th>
<th>Aa1</th>
<th>Aa2</th>
<th>Aa3</th>
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<th>A2</th>
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<th>Baa1</th>
<th>Baa2</th>
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</tbody>
</table>

Sensitivity scenario CB anchor

OC consistent with current rating: 6.5%

Legal framework

Mandatory collateral and put/call arrangements: Yes, Pfandbrief Act
Main country in which collateral is based: Germany
Country in which issuer is based: Germany

Tightening period for principal payments of 6 months or greater: No

Liquidity reserve to support timely payments on all issuances: Yes Funded

* Please refer to section 4 of the Pfandbrief Act.

[notes 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 categorized by issuers. The data reporting template (which issuers are requested to use) is available on request.

[notes 2 & 3] Over-collateralisation (OC) figures presented below include Eligible only collateral.

[note 4] 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.

[notes 5] The OC has been calculated consistent with the minimum level of over-collateralisation which is necessary to support the covered bond rating at its current level on the basis of this pool, 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 requirements may also differ from the model output in situations where 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

<table>
<thead>
<tr>
<th>Interest Rate &amp; Duration Mismatch (note 5)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed rate assets in the cover pool</td>
<td>100.0%</td>
</tr>
<tr>
<td>Fixed rate covered bonds outstanding</td>
<td>90.7%</td>
</tr>
<tr>
<td>WAL of outstanding covered bonds</td>
<td>14.9 years</td>
</tr>
<tr>
<td>WAL of the cover pool</td>
<td>14.9 years</td>
</tr>
</tbody>
</table>

Swap Arrangements

| Interest rate swap(s) in the Cover Pool | No        |
| Intra-group interest rate swap(s) provider(s) | No        |
| Currency swap(s) in the Cover Pool      | No        |
| Intra-group currency swap(s) provider(s) | No        |

Maximum mismatch: 63.2% in EUR millions

This assumes no prepayment.

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 issuers/entity page on www.moodys.com for the most updated credit rating action information and rating history.

Table and charts are shown in the document.
VII. Cover Pool Information - Residential Assets

**Overview**

<table>
<thead>
<tr>
<th>Asset type</th>
<th>Residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asset balance</td>
<td>3,222,316,106</td>
</tr>
<tr>
<td>Average loan balance</td>
<td>67,776</td>
</tr>
<tr>
<td>Number of loans</td>
<td>4,774</td>
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<tr>
<td>Number of borrowers</td>
<td>46,746</td>
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<tr>
<td>Number of properties</td>
<td>42,803</td>
</tr>
<tr>
<td>WA remaining term (in months)</td>
<td>182</td>
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<tr>
<td>WA seasoning (in months)</td>
<td>67</td>
</tr>
</tbody>
</table>

**Specific Loan and Borrower characteristics**

- Loans with an internal guarantee in addition to a mortgage: 0.0%
- Interest only loans: 6.5%
- Loans for second homes / Vacation: 0.0%
- Buy to let loans / Non owner occupied properties: 12.7%
- Limited income verified: 0.0%
- Adverse credit characteristics (**) | 0.0%

**Performance**

- Loans in arrears (≥ 2 months – < 6 months): 0.0%
- Loans in arrears (≥ 6 months – < 12 months): 0.0%
- Loans in arrears (≥ 12 months): 0.0%
- Loans in a foreclosure procedure: 0.0%

**Multi-Family Properties**

- Loans to tenants of tenant-owned Housing Cooperatives: n/a
- Other type of Multi-Family Loans (***) | n/a

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**Notes:**

- (*) may be based on property value at time of origination or further advance or borrower refinancing.
- (**) Typically borrowers with a previous personal bankruptcy or borrowers with record of court claims against them at time of origination.
- (***) This “other” type refers to loans directly to Housing Cooperatives and to Landlords of Multi-Family properties (not included in Buy to Let).

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**Charts:**

- **Chart A:** Balance per LTV-band
- **Chart B:** Percentage of residential assets
- **Chart C:** Interest rate type
- **Chart D:** Main country regional distribution
- **Chart E:** Seasoning (in months)
### VIII. Cover Pool Information - Supplementary Assets

#### Overview
- **Asset type:** Supplementary Assets
- **Asset balance:** 75,000,000€
- **WA remaining Term (in months):** 53
- **Number of assets:** 1
- **Number of borrowers:** 1
- **Average assets size:** 75,000,000€

#### 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 (≥ 2 months - < 6 months):** 0.0%
- **Assets in arrears (≥ 6 months - < 12 months):** 0.0%
- **Assets in arrears (> 12 months):** 0.0%
- **Assets in enforcement procedure:** 0.0%

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**Chart A:** Interest rate type

<table>
<thead>
<tr>
<th>Interest rate type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate reset every 5 years</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

**Chart B:** Percentage of supplementary assets

- **Supplementary Assets:** 2.3%

**Chart C:** Distribution by country, rating

- **Country, Rating:** Aaa 100.0%

**Chart D:** Distribution by country rating

- **Country, Rating:** Aaa 100.0%
## IX. Liabilities Information: Last 50 Issuances

<table>
<thead>
<tr>
<th>ISIN</th>
<th>Series Number</th>
<th>Currency</th>
<th>Outstanding Amount</th>
<th>Issuance Date</th>
<th>Expected Maturity</th>
<th>Legal Final Maturity</th>
<th>Interest Rate Type</th>
<th>Coupon</th>
<th>Legal Final Maturity</th>
<th>Principal Payment</th>
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<td>EUR</td>
<td>50,000,000</td>
<td>17/11/2014</td>
<td>17/11/2024</td>
<td>17/11/2026</td>
<td>Fixed rate</td>
<td>0.750%</td>
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<tr>
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<td>mid</td>
<td>EUR</td>
<td>10,000,000</td>
<td>03/02/2015</td>
<td>03/02/2020</td>
<td>10/02/2016</td>
<td>Fixed rate</td>
<td>1.106%</td>
<td>10/02/2016</td>
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<td>A1KRJN</td>
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<td>5,000,000</td>
<td>28/02/2015</td>
<td>28/02/2020</td>
<td>28/02/2016</td>
<td>Fixed rate</td>
<td>2.340%</td>
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<td>20,000,000</td>
<td>15/05/2013</td>
<td>15/05/2018</td>
<td>15/05/2018</td>
<td>Fixed rate</td>
<td>0.500%</td>
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<td>19/04/2018</td>
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<td>21/04/2019</td>
<td>Floating rate</td>
<td>EURIBOR (EUR) 6 MONTHES + 24 bps</td>
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