ING-Diba AG - Mortgage Covered Bonds

Covered Bonds / Germany

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Reporting as of: 30/09/2018

All amounts in EUR (unless otherwise specified)

I. Programme Overview

Overview
Year of initial rating assignment: 2011
Total outstanding liabilities: EUR 1,230,000,000
Total assets in the Cover Pool: EUR 3,811,379,293
Issuer name / CR Assessment: ING-Diba AG / Aa3(cr)
Group or parent rating / CR Assessment: CR Assessment + 1 notch
Main collateral type: Residential

Ratings
Covered bonds rating: Aaa
OC used in Moody’s VaR & TPI analysis: ING-Diba AG / Aa3(cr)
CB anchor: CR Assessment + 1 notch
CR Assessment: Aa3(cr)
Roll up: N/A
Unsecured claim used for Moody’s EL analysis: Yes

II. Value of the Cover Pool

Collateral quality
Collateral score: 5.9%
Collateral score excl. systemic risk: 2.9%

Cover Pool issues
Collateral loss: Collateral pool loss (haircut): 3.4% 2.3%
Market Risk:
12.5% 7.9%
21.5% 180%

III. Over-Collateralisation Levels
(notes 2 & 3)
Over-Collateralisation (OC) figures presented below include Eligible only collateral.
Over-Collateralisation levels are provided on any of the following: nominal basis or unstressed NPV basis or on stressed NPV basis.
NPV stress assumptions applied as required by the legal framework for German Pfandbriefe.

Current situation
Commitment OC (Unstressed NPV): 2.0%
Current OC (Unstressed NPV): 26.7%
OC consistent with current rating (note 4): 0.0%

Sensitivity scenario CB anchor
OC consistent with current rating rating:
Scenario 2 CB anchor is lowered by: 1 notch 6.5%

IV. Timely Payment Indicator & TPI Leeway

Timing Payment Indicator (TPI)
TPI Leeway: 5

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

<table>
<thead>
<tr>
<th>CR Assessment</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aaa(cr)</td>
<td>Aaa</td>
</tr>
<tr>
<td>AA(cr)</td>
<td>AA</td>
</tr>
<tr>
<td>A(cr)</td>
<td>A</td>
</tr>
<tr>
<td>B1(cr)</td>
<td>B1</td>
</tr>
<tr>
<td>B2(cr)</td>
<td>B2</td>
</tr>
<tr>
<td>B3(cr)</td>
<td>B3</td>
</tr>
</tbody>
</table>

Legal framework
Does a specific covered bond law apply for this programme: Yes, Pfandbrief Act
Main country in which collateral is based: Germany
Country in which issuer is based: Germany

Timely payment
Refinancing period for principal payments of 6 months or greater: No

Please refer to section 4 of the Pfandbrief Act.
V. Asset Liability Profile

Interest Rate & Duration Mismatch (note 5)
- Fixed rate assets in the cover pool: 100.0%
- Fixed rate covered bonds outstanding: 91.6%
- WAL of outstanding covered bonds: 4.3 years

Swap Arrangements
- Interest rate swaps in the cover pool: No
- Intra-group interest rate swap providers: No
- Currency swaps in the Cover Pool: No
- Intra-group currency swap providers: No

WAL of the cover pool: 14.4 years

(note 6) Maximum mismatch: 65.3% in EUR millions

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.moodys.com for the most updated credit rating action information and rating history.
VII. Cover Pool Information - Residential Assets

**Overview**

- **Asset type:** Residential
- **Number of loans:** 50,945
- **Number of borrowers:** 45,408
- **Number of properties:** 45,720
- **WA remaining term (in months):** 179
- **WA seasoning (in months):** 72

**Details on LTV**

- **WA unindexed LTV:** 94.6%
- **WA Indexed LTV:** n/a
- **Valuation type:** Lending Value
- **LTV threshold:** 60.0%
- **Junior ranks:** n/a
- **Prior ranks:** 0.0%

**Performance**

- **Loans in arrears (≤ 2 months + < 6months):** 0.0%
- **Loans in arrears (≤ 6 months + ≤ 12months):** 0.0%
- **Loans in arrears (≤ 12 months):** 0.0%
- **Loans in 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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Note: (*) may be based on property value at time of origination or further advance or borrower refinancing.

Note: (**) Typically borrowers with a previous personal bankruptcy or borrowers with record of court claims against them at time of origination.

Note: (***) This “other” type refers to loans directly to Housing Cooperatives and to Landlords of Multi-Family properties (not included in Buy to Let).
VIII. Cover Pool Information - Supplementary Assets

Overview

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asset type</td>
<td>Supplementary Assets</td>
</tr>
<tr>
<td>Repo eligible assets (%)</td>
<td>100.0%</td>
</tr>
<tr>
<td>Percentage of fixed rate assets (%)</td>
<td>100.0%</td>
</tr>
<tr>
<td>Percentage of bullet assets (%)</td>
<td>100.0%</td>
</tr>
<tr>
<td>WA remaining Term (in months)</td>
<td>36</td>
</tr>
<tr>
<td>Number of non-domestic currency (%)</td>
<td>0.0%</td>
</tr>
<tr>
<td>Number of borrowers</td>
<td>2</td>
</tr>
<tr>
<td>Average assets size (€)</td>
<td>75,000,000</td>
</tr>
<tr>
<td>Average exposure to borrowers (€)</td>
<td>75,000,000</td>
</tr>
</tbody>
</table>

Specific Loan and Borrower characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average assets size (€)</td>
<td>75,000,000</td>
</tr>
<tr>
<td>Average exposure to borrowers (€)</td>
<td>75,000,000</td>
</tr>
</tbody>
</table>

Performance

- Assets in arrears (> 12 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%

Charts:

- Chart B: Percentage of supplementary assets
- Chart A: Interest rate type
- Chart C: Distribution by country, rating
- Chart D: Distribution by country rating

Covered Bonds
## 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>Principal Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1KRJQ</td>
<td>n/d</td>
<td>EUR</td>
<td>500,000,000</td>
<td>16/11/2016</td>
<td>16/11/2026</td>
<td>16/11/2026</td>
<td>Fixed rate</td>
<td>0.16%</td>
<td>BULLET</td>
</tr>
<tr>
<td>A1KRJP</td>
<td>n/d</td>
<td>EUR</td>
<td>10,000,000</td>
<td>02/11/2013</td>
<td>02/11/2021</td>
<td>02/11/2021</td>
<td>Fixed rate</td>
<td>1.62%</td>
<td>BULLET</td>
</tr>
<tr>
<td>A1KRJH</td>
<td>n/d</td>
<td>EUR</td>
<td>5,000,000</td>
<td>28/02/2013</td>
<td>28/02/2028</td>
<td>28/02/2028</td>
<td>Fixed rate</td>
<td>2.40%</td>
<td>BULLET</td>
</tr>
<tr>
<td>A1KRJX</td>
<td>n/d</td>
<td>EUR</td>
<td>30,000,000</td>
<td>18/06/2012</td>
<td>30/06/2019</td>
<td>30/06/2019</td>
<td>Fixed rate</td>
<td>3.50%</td>
<td>BULLET</td>
</tr>
<tr>
<td>A1KRJY</td>
<td>n/d</td>
<td>EUR</td>
<td>30,000,000</td>
<td>30/04/2013</td>
<td>30/04/2024</td>
<td>30/04/2024</td>
<td>Floating rate</td>
<td>EUR6M + 24 bps</td>
<td>BULLET</td>
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<tr>
<td>A1KRJZ</td>
<td>n/d</td>
<td>EUR</td>
<td>30,000,000</td>
<td>26/04/2013</td>
<td>26/04/2022</td>
<td>26/04/2022</td>
<td>Fixed rate</td>
<td>2.40%</td>
<td>BULLET</td>
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<tr>
<td>A1KRM</td>
<td>n/d</td>
<td>EUR</td>
<td>100,000,000</td>
<td>13/03/2012</td>
<td>13/03/2019</td>
<td>13/03/2019</td>
<td>Fixed rate</td>
<td>2.50%</td>
<td>BULLET</td>
</tr>
<tr>
<td>A1KRX</td>
<td>n/d</td>
<td>EUR</td>
<td>10,000,000</td>
<td>04/03/2013</td>
<td>04/03/2020</td>
<td>04/03/2020</td>
<td>Fixed rate</td>
<td>2.30%</td>
<td>BULLET</td>
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<tr>
<td>A1KRB</td>
<td>n/d</td>
<td>EUR</td>
<td>20,000,000</td>
<td>21/02/2012</td>
<td>21/02/2022</td>
<td>21/02/2022</td>
<td>Fixed rate</td>
<td>2.68%</td>
<td>BULLET</td>
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