

# Transaction Update: Sp Mortgage Bank PLC CBA Mortgage Covered Bond Program

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# Transaction Update: Sp Mortgage Bank PLC CBA Mortgage Covered Bond Program

## Ratings Detail

|   |             |   |  |             |   |   |            |   |                            |     |
|---|-------------|---|--|-------------|---|---|------------|---|----------------------------|-----|
| <b>Reference Rating Level</b>                       | <b>a+</b>   | + | <b>Jurisdiction-Supported Rating Level</b> | <b>aa+</b>  | + | <b>Maximum Achievable Covered Bond Rating</b> | <b>aaa</b> | = | <b>Covered Bond Rating</b> |     |
| Resolution Regime Uplift                            | +2          |   | Assigned Jurisdictional Support Uplift     | +3          |   | Collateral Support Uplift                     | +4         |   | <b>AAA/Stable</b>          |     |
| Systemic Importance                                 | Very Strong |   | Jurisdictional Support Assessment          | Very Strong |   | Overcollateralization Adjustment              | 0          |   | Rating Constraints         | aaa |
| Resolution Counterparty Rating                      | A           |   | Legal Framework                            | Very Strong |   | Liquidity Adjustment                          | 0          |   | Counterparty Risk          | aaa |
| <b>ICR, parent bank rating, or guarantor rating</b> | <b>A-*</b>  |   | Systemic Importance                        | Very Strong |   | Potential Collateral Based Uplift             | +4         |   | Country Risk               | aaa |
|   |             |   | Sovereign Credit Capacity                  | Very Strong |   |   |            |   |                            |     |

\*As a starting point of the analysis, we may use the ICR of the parent or guarantor when the issuer is not rated, but it belongs to a group with a rated parent or payments under the covered bonds are guaranteed by another rated entity. ICR--Issuer credit rating.

## Major Rating Factors

### Strengths

- The cover pool of prime Finnish residential loans forms a granular and seasoned portfolio.
- The structure benefits from the issuer's public commitment to maintain overcollateralization consistent with a 'AAA' rating.
- Liquidity risk is mitigated by the bonds' soft-bullet repayment profile.

### Weaknesses

- About 57% of the cover pool comprises constant annuity loans, which could potentially result in delayed repayment of mortgage assets in a high interest rate environment, in our view. We have considered it in our determination of default frequency.
- The cover pool contains a high share of loans with subordinated claims, which increases loan-to-value (LTV) ratios; therefore, leading to a higher default frequency, in our analysis.

## Outlook

S&P Global Ratings' stable outlook on the 'AAA' ratings on Sp Mortgage Bank PLC's (SPMB) CBA mortgage covered bond program and related covered bonds issuance reflects two unused notches of collateral-based uplift that would protect the ratings on the covered bonds if we were to lower the long-term issuer credit rating (ICR) on the Central Bank of Savings Banks Finland PLC (Sp Central Bank (parent); A-/Stable/A-2) by up to two notches.

All else being equal, we would lower our ratings on the covered bonds if we lowered our rating on Sp Central Bank by more than two notches or if the available overcollateralization no longer exceeds the credit enhancement level that is commensurate with 'AAA' ratings.

## Rationale

This transaction update follows our periodic review of SPMB's covered bond program and related covered bond issuance under Finland's Covered Bond Act, (CBA, 151/2022; the "CBA Covered Bond Program").

Our covered bond ratings process follows the methodology and assumptions outlined in our "Covered Bonds Criteria," published on Dec. 9, 2014, and "Covered Bond Ratings Framework: Methodology And Assumptions," published on June 30, 2015.

From our analysis of SPMB's covered bond program and the Finnish covered bond legislation, we consider that the cover pool assets are isolated for the benefit of the covered bondholders if the issuer becomes insolvent. The protection of the cover pool assets and the continued management of the cover pool allow us to rate the covered bonds higher than the long-term ICR on Sp Central Bank. The ICR on Sp Central Bank reflects the franchise and the creditworthiness of the wider Savings Banks Group Finland.

SPMB belongs to the Savings Banks Amalgamation. We conducted a review of SPMB's mortgage operations, which we view as prudent. We believe satisfactory procedures exist to support our ratings on the covered bonds.

Following our resolution regime analysis, we determined a reference rating level (RRL) of 'a+'. SPMB is domiciled in Finland, which is subject to the EU's Bank Recovery and Resolution Directive (BRRD). We consider that mortgage covered bonds have a very strong systemic importance in Finland. These factors increase the likelihood that SPMB would continue servicing its covered bonds without accessing the cover pool or receiving jurisdictional support, even following a bail-in of its senior unsecured obligations. We have therefore assigned two notches of uplift above the ICR on Sp Central Bank to determine the covered bonds' RRL.

Our jurisdictional support analysis determined the jurisdiction-supported rating level (JRL) on the covered bonds as 'aa+'. We considered the likelihood for the provision of jurisdictional support for Finnish mortgage covered bonds, which we assess as very strong, resulting in three notches of uplift from the RRL.

We base our credit and cash flow analysis on loan-by-loan data and asset and liability cash flow projections as of Sept. 30, 2024. The available credit enhancement of 44.7% (based on current loan balances) exceeds the target credit

enhancement (TCE) of 18.5%. The covered bonds are eligible for up to four notches of collateral-based uplift, which we do not reduce owing to the program's committed overcollateralization and because we consider that the covered bonds' soft-bullet maturity mitigates liquidity risk. The achieved collateral-support uplift is therefore four notches above the JRL, of which one is used to attain a 'AAA' rating. Following the application of our counterparty risk criteria, there are two unused notches of collateral uplift (see "Swaps").

Counterparty and sovereign risks do not constrain the 'AAA' covered bond ratings.

We have based our analysis on criteria articles referenced in the "Related Criteria" section.

## Program Description

**Table 1**

| Program overview*                                 |                                    |
|---|------------------------------------|
| Jurisdiction                                      | Finland                            |
| Year of first issuance                            | 2022                               |
| Covered bond type                                 | Legislation-enabled                |
| Outstanding covered bonds (mil. €)                | 1,250                              |
| Redemption profile                                | Soft-bullet                        |
| Underlying assets                                 | Finnish residential mortgage loans |
| Jurisdictional support uplift                     | 3                                  |
| Unused notches for jurisdictional support         | 0                                  |
| Target credit enhancement (%)                     | 18.46                              |
| Credit enhancement for 'AAA' rating (%)§          | 12.90                              |
| Available credit enhancement (current balance, %) | 44.70                              |
| Collateral support uplift                         | 1                                  |
| Unused notches of collateral support              | 3                                  |
| Total unused notches of collateral support        | 2†                                 |

\*Based on cash flows as of Sept. 30 2024. §Corresponding to 'AAA' credit risk plus 25% of refinancing costs. †Two unused notches after application of our counterparty risk criteria (see 'Counterparty risk').

SPMB is a part of the Savings Banks Group Finland with joint and several liability between the amalgamation members. The Group comprises Savings Banks' Union Coop, Sp Central Bank, 14 independent savings banks, SPMB, and product companies (not covered by joint and several liability).

SPMB was established in March 2016 to provide competitive funding to the savings banks. The mortgage covered bonds are issued under SPMB's €4 billion program for the issuance of covered bonds. The CBA cover pool, which is subject to this review, was established in late-2022 to issue covered bonds under the CBA, 151/2022 (see "Sp Mortgage Bank Finnish CBA Covered Bond Program And First Issuance Assigned 'AAA' Rating; Outlook Stable", published on Nov. 1, 2022). SPMB also manages another cover pool containing covered bonds issued prior to the implementation of the EU Covered Bond Directive on July 8, 2022, under the Finnish Act on Mortgage Credit Bank Activities (688/2010) (the "MCBA Covered Bond Program"), which we analyze separately.

The covered bonds issued under the CBA Covered Bond Program rank pari passu among themselves, but do not relate

to the MCBA Covered Bond Program. Covered bondholders and derivative counterparties related to the CBA Covered Bond Program have a priority claim only on the assets registered in the CBA Covered Bond Program. Similarly, covered bondholders and derivative counterparties related to the MCBA Covered Bond Program have a priority claim only on the assets registered in the MCBA Covered Bond Program.

The covered bonds constitute SPMB's direct unconditional and unsubordinated debt obligations and are secured by a cover pool of euro-denominated Finnish residential mortgage loans registered in line with the CBA. The covered bonds benefit from a 12-month maturity extension.

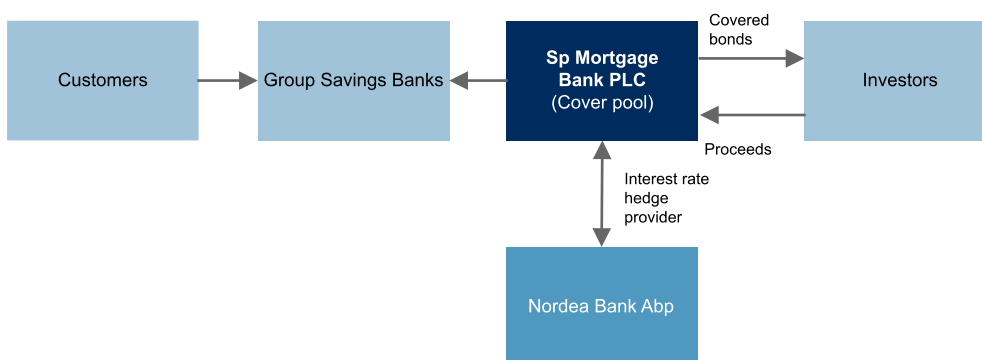
The Finnish covered bond law enables SPMB to grant intermediary loans to member banks of the Savings Banks Group Finland. In return for the intermediary loans, the group members must pledge eligible cover pool assets from their balance sheets to the cover pool as security for the covered bonds. SPMB must record these collateral assets in the cover register together with the intermediary loans. SPMB's cover pool comprises residential mortgages pledged by its group members to the cover pool as security for the covered bonds.

The covered bonds benefit from SPMB's commitment to maintain overcollateralization sufficient to support a 'AAA' rating on the covered bonds.

SPMB has entered into interest rate swaps with Nordea Bank Abp, to hedge the risk arising from the interest received on the floating-rate paying mortgage loans and on the fixed-rate covered bonds.

The mortgage borrowers make their payments to their respective bank accounts in the group's member banks. The payments made by mortgage borrowers are only registered as part of the cover pool after the insolvency of the issuer. While this mechanism protects mortgage payments post issuer default, funds standing or paid in the collection accounts pre-issuer insolvency could be exposed to commingling risk. This is because these collections are not segregated in the cover pool.

### Sp Mortgage Bank CBA Mortgage Covered Bond Program



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**Table 2**

| Program participants         |                             |                 |                   |
|------------------------------|-----------------------------|-----------------|-------------------|
| Role                         | Name                        | Rating          | Rating dependency |
| Issuer                       | Sp Mortgage Bank PLC        | NR*             | Yes               |
| Originator                   | Savings Banks Group Finland | NR              | No                |
| Interest rate hedge provider | Nordea Bank Abp             | AA-/Stable/A-1+ | Yes               |

\*We apply the potential notches of uplift to the long-term rating on Central Bank of Savings Banks Finland PLC to derive the ratings on the covered bonds. NR--Not rated.

## Rating Analysis

### Legal and regulatory risks

We base our legal analysis on our "Asset Isolation and Special-Purpose Entity Methodology," published on March 29, 2017.

SPMB's covered bonds are governed by the CBA, which entered into force on July 8, 2022, and implemented the EU Covered Bonds Directive into national legislation. The CBA repealed the Finnish Act on Mortgage Credit Bank Activities (688/2010; MCBA).

In our opinion, the CBA satisfies the relevant legal aspects we assess under our covered bond criteria, specifically the cover pool assets' isolation from the risk of an issuer's bankruptcy or insolvency, so that covered bond payments continue on their scheduled dates (see "Covered Bonds Criteria," published on Dec. 9, 2014, and "A Closer Look At Finland's Covered Bond Framework," published on Sept. 27, 2023). This allows us to rate the covered bond program above the ICR on Sp Central Bank.

Under the CBA, the issuer's bankruptcy would not automatically trigger the covered bonds' early redemption or the suspension of payments to bondholders. Accordingly, we rate the covered bonds based on the legal final maturity.

The CBA requires issuers to have a license from the Finnish Financial Supervisory Authority (FIN-FSA) to engage in mortgage credit bank operations. Issuers must maintain a register for the covered bonds and the collateral forming the cover pool. The FIN-FSA monitors the management of the register, including the recording of assets, and the issuer must at least quarterly report the information in the register to the FIN-FSA.

The cover pool can comprise residential mortgage loans, commercial mortgage loans, public sector loans, and substitute assets to facilitate liquidity management.

Derivatives are allowed for risk hedging purposes and must be registered in the cover register. They must also, according to their terms, remain in force despite the issuer's bankruptcy, liquidation, or resolution. Derivative counterparties benefit from the same statutory priority right as covered bondholders.

Pursuant to the CBA, a specialized mortgage credit bank can grant intermediary loans to a credit institution belonging to the same consolidated group or amalgamation of deposit banks (group members) as the mortgage credit bank. Intermediate loans must be covered with eligible cover assets and the issuer must record these assets in the cover register. Once registered in the cover pool, they serve as collateral for the covered bonds for the benefit of the covered

bondholders. We perform our analysis based on the underlying loans that are pledged as collateral for the covered bonds and form the cover pool.

Under the CBA, issuers must have 2% overcollateralization on a net present value (NPV) basis, or 5% on an NPV basis if the requirements of article 129 (3)(a) subparagraph 3 of the Capital Requirements Regulation are not fulfilled (in each case considering derivatives and estimated winding-down costs).

Under the CBA, the cover pool must continuously contain sufficient substitute assets (liquid assets) to meet the maximum net outflow related to the covered bonds during the upcoming 180-day period. In calculating the net outflow, issuers may consider the extended maturity date of the covered bonds.

The CBA allows covered bonds with a 12-month maturity extension, subject to approval by the FIN-FSA and certain conditions being met, including:

- The issuer being unable to obtain long-term financing from ordinary sources;
- The issuer being unable to meet the liquidity requirement under the CBA upon payment of the covered bonds; and
- The extension not affecting the order of the maturity based on the original maturity dates of covered bonds secured by the same cover pool.

If the issuer becomes insolvent, the FIN-FSA would appoint a supervisor to supervise management of the cover pool, including their conversion into cash and the contractual payments due to covered bondholders and derivative counterparties. While a bankruptcy administrator (appointed by a court) manages both the issuer's insolvency estate and the cover pool, the supervisor's role is to protect the interests of covered bondholders with powers to direct the issuer's general administrator. If necessary, the administrator can--upon the demand or with the consent of the supervisor--sell assets to make payments on the covered bonds, enter derivative transactions, and secure liquidity to fulfill the payment obligations related to the covered bonds.

We understand that under the CBA, acceleration can only occur (upon the request or approval of the supervisor) if the total collateral amount requirements for the covered bonds cannot be met. The essence of the cover pool supervisor's role, which also applies in this instance, is to protect the covered bondholders' interests.

Upon issuer insolvency, covered bondholders and derivative counterparties have a preferential claim to the assets in the cover pool, which would be isolated from the issuer's other assets.

Under the CBA, bondholders and derivative counterparties have a priority of payment right to 100% of the properties' value, although only 80% of the market value of residential properties and 60% of the market value of commercial estate properties can be included in the determination of overcollateralization.

The CBA excludes setoff against cover pool assets and claw-back risk.

### **Operational and administrative risks**

Our analysis of operational and administrative risks follows the guidelines in our covered bond ratings framework criteria.

SPMB does not originate loans, but depends on the savings banks' network, which currently comprises 14 savings banks. Credit decisions of the savings banks are made based on lending guidelines issued by Sp Mortgage Bank, and the savings banks are bound to repurchase any loans that would not be compliant with the guidelines. We view SPMB's underwriting criteria as comparable with market standards in Finland.

We believe that a replacement servicer would be appointed if the issuer were to become insolvent. We consider Finland to be an established covered bond market, and we believe that the mortgage assets in SPMB's cover pool do not have product features that would materially limit the range of available replacement cover pool managers or servicers. We have modeled a servicing fee we deem sufficient to attract a replacement servicer.

We consider the issuer's underwriting and servicing standards to be sufficient to support our ratings on the covered bonds. We therefore did not apply any analytical adjustments to account for operational and administrative risks.

### **Resolution regime analysis**

SPMB is domiciled in Finland, which is subject to the EU's BRRD. We assess the systemic importance for Finnish mortgage programs as very strong. Under our covered bonds criteria, this means that the RRL is the greater of (i) the issuing bank's ICR, plus up to two notches for programs in jurisdictions with effective resolution regimes that exempt covered bonds from bail-in, and (ii) the resolution counterparty rating (RCR) on the issuing bank, where applicable. Where the issuer is not rated but belongs to a group with a rated parent, we may use the ICR on the parent as a starting point of the analysis. Given the 'A-' long-term ICR and the 'A' RCR on Sp Central Bank, the RRL is 'a+'.

This uplift recognizes that resolution regimes like the BRRD increase the probability that an issuer could service its covered bonds, even following a default on its senior unsecured obligations because the law exempts covered bonds from bail-in risk if there is a bank resolution. We consider this as an internal form of support because the bail-in of certain creditors of the issuer does not require direct government support.

### **Jurisdictional support analysis**

Our jurisdictional support analysis assesses the likelihood that a covered bond program facing stress would receive support from a government-sponsored initiative instead of from the liquidation of collateral assets in the open market.

Our assessment of the expected jurisdictional support for Finnish mortgage programs is very strong. In addition, our sovereign credit rating on Finland (AA+/Stable/A-1+) does not constrain the jurisdictional support uplift. Under our covered bonds criteria, the covered bonds therefore receive three notches of jurisdictional support uplift over the RRL leading to a JRL of 'aa+'.

### **Collateral support analysis**

We assess a typical residential mortgage cover pool's credit quality by estimating the credit risk associated with each loan in the pool. We base this loan-level analysis on the specific adjustments defined for Finland under our global RMBS criteria (see "Global Methodology And Assumptions: Assessing Pools Of Residential Loans," published on Jan. 25, 2019).

We based our credit and cash flow analysis on loan-by-loan data and asset and liability cash flow projections as of Sept. 30, 2024. Since our last review, outstanding covered bonds increased to €1.25 billion, and the cover pool's current balance stood at €1.81 billion up from €1 billion. The cover pool of euro-denominated Finnish residential



mortgage loans remains granular and seasoned.

Our analysis estimated the foreclosure frequency and the loss severity of each loan in the cover pool. To quantify the potential losses associated with the entire pool, we calculated a weighted-average foreclosure frequency (WAFF) and a weighted-average loss severity (WALS), assuming 'AAA' credit stresses. The product of these two variables estimates the required loss protection, assuming all other factors remain unchanged. We assume that the probability of foreclosure is a function of both the borrower and loan characteristics and will become more likely--and the realized loss on a loan more severe--as the economic environment deteriorates.

At a 'AAA' stress level, the WAFF is 17.56% (15.77% previously) and the WALS (based on the reported current loan balances) is 23.12% (20.16% previously). The combination of the WAFF and WALS as the measure of the cover pool's overall credit quality (credit coverage: WAFF x WALS) has increased slightly to 4.06% from 3.18% previously.

The increase in WAFF is mainly driven by higher effective LTV ratios and a slightly lower loan seasoning. Under our global RMBS criteria, we apply multiples to the base foreclosure frequency (13% in this case) based on the effective LTV ratios. We have determined a weighted-average effective LTV ratio for the cover pool of 71.8% (67.5% previously). This figure is based on current whole-loan LTV ratios. Further about 44% of loans (48% previously) are more than five years seasoned and therefore benefit from a reduction to their base foreclosure frequency. The negative effect of higher effective LTV ratios and lower seasoning on the WAFF was partially offset by a lower share of constant annuity loans, which attract an increase to the base foreclosure frequency to account for the potential of a payment shock, and loans with higher debt-to-income ratios.

The higher WALS reflects higher current LTV ratios after house price indexation and market value decline assumptions. Our analysis currently considers that Finnish residential properties are 2% undervalued.

While both the WAFF and the WALS are based on updated valuations, the loss severity does not incorporate exposure to subordinated claims. Given the relatively high share of loans with subordinated claims attached to them, the current LTV ratio (62.1%) used for our loss calculations is lower than the effective LTV ratio that we base our default probability on (71.8%).

The results of our credit analysis, including WAFF and WALS, represent inputs to our cash flow analysis. Our cash flow analysis concludes that the cash flows from the cover pool assets are sufficient, at the 'AAA' rating, to make timely payment of interest and ultimate payment on principal on the covered bonds on their legal final maturity.

We stress the cover pool's post swap cash flow projections, incorporating various default patterns, default timings, and interest rate paths. We also stress cash flows under different prepayment rates and delinquency assumptions, which we run at different points over the covered bonds' weighted-average life.

The program is exposed to structural asset-liability maturity mismatch (ALMM) risk because the covered bonds' repayment profile is not aligned with that of the assets. Our cash flow model simulates a stressed sale of assets whenever a liquidity gap occurs in our analysis. The discount applied for Finnish residential mortgage assets is 425 basis points, on top of the stressed interest rate at the time of the shortfall.

Since our last annual review, we adjusted our analysis of the constant annuity loans to give benefit to such loans to

always cover interest on the mortgage loan also if it exceeds the constant annuity payments. Under the higher interest rate environment, this has led to an improvement in our cash flow results. In addition, a lower ALMM has further contributed to the reduction in the TCE since our last review.

Our 'AAA' credit risk is our baseline measure of cash flow risk assuming no asset-liability mismatch. This measure has reduced to 11.04% as of Sept. 30, 2024, from 18.26% previously. Next to 'AAA' credit risk, our TCE includes the additional credit enhancement that we expect is required to refinance the cover pool in a stressed environment. We calculate a TCE of 18.46% below the available credit enhancement of 44.7%.

We believe that an active secondary market for the cover pool assets exists. Therefore, the covered bonds can potentially achieve four notches of collateral-based uplift above the JRL. As outlined above (see "Rationale") no deductions are made to this potential uplift, resulting in an achievable collateral uplift of four notches above the JRL. With a JRL of 'aa+', the program requires one notch to reach a 'AAA' rating with a required credit enhancement of 12.90%--equivalent to 'AAA' credit risk plus 25% refinancing costs.

Resulting from the application of our counterparty risk criteria, there are two unused notches of collateral-based uplift. This is because if we were to lower our long-term ICR on Sp Central Bank by more than two notches, we would also lower our ratings on the covered bonds as per our counterparty risk criteria, all else being equal (see "Swaps").

**Table 3**

| <b>Cover pool composition</b> |   |                                     |   |                                     |  |
|-------------------------------|---|-------------------------------------|---|-------------------------------------|--|
| <b>Asset type</b>             | <b>As of Sept. 30, 2024</b>                 |                                     | <b>As of June 30, 2023</b>                          |                                     |  |
|                               | <b>Cover pool (current balance, mil. €)</b> | <b>Percentage of cover pool (%)</b> | <b>Cover pool balance (current balance, mil. €)</b> | <b>Percentage of cover pool (%)</b> |  |
| Residential mortgage loans    | 1,808.76                                    | 100.00                              | 1,000.25  | 100.00                              |  |
| Substitute assets             | 0.00  | 0.00                                | 0.00  | 0.00                                |  |
| Other asset type              | 0.00  | 0.00                                | 0.00  | 0.00                                |  |
| Total                         | 1,808.76                                    | 100.00                              | 1,000.25  | 100.00                              |  |

**Table 4**

| <b>Key credit metrics</b>                          |                             |                            |
|--|-----------------------------|----------------------------|
|  | <b>As of Sept. 30, 2024</b> | <b>As of June 30, 2023</b> |
| Average loan size (€)                              | 86,329                      | 72,434                     |
| Weighted-average effective LTV ratio (%)*          | 71.77                       | 67.48                      |
| Weighted-average cover pool current LTV ratio (%)§ | 62.1                        | 58.63                      |
| Weighted-average loan seasoning (years)†           | 5.43                        | 5.75                       |
| Balance of loans in arrears (%)                    | 0                           | 0                          |
| Buy-to-let loans (%)                               | 8.36                        | 7.63                       |
| Self-employed borrowers (%)                        | 15.9                        | 18.21                      |
| Constant annuity loans (%)                         | 57.33                       | 66.13                      |
| <b>Credit analysis results:</b>                    |                             |                            |
| WAFB (%)   | 17.56                       | 15.77                      |
| WALS (%)   | 23.12                       | 20.16                      |

**Table 4**

| <b>Key credit metrics (cont.)</b> |                             |                            |
|-----------------------------------|-----------------------------|----------------------------|
|                                   | <b>As of Sept. 30, 2024</b> | <b>As of June 30, 2023</b> |
| 'AAA' credit risk (%)             | 11.04                       | 18.26                      |

\*Effective LTV based on 100% of current indexed whole loan LTV. §Weighted-average current indexed LTV based on current balance.

†Seasoning refers to the elapsed loan term. LTV--Loan to value. WAFF--Weighted-average foreclosure frequency. WALs--Weighted-average loss severity.

**Table 5**

| <b>Current LTV ratios</b>   |                                      |                                    |                                      |                                    |
|-----------------------------|--------------------------------------|------------------------------------|--------------------------------------|------------------------------------|
|                             | <b>As of Sept. 30, 2024</b>          |                                    | <b>As of June 30, 2023</b>           |                                    |
| (%)                         | <b>Effective whole loan LTV (%)*</b> | <b>Cover pool current LTV (%)§</b> | <b>Effective whole loan LTV (%)*</b> | <b>Cover pool current LTV (%)§</b> |
| 0-40                        | 13.98                                | 18.76                              | 16.72                                | 22.18                              |
| 40-50                       | 9.03                                 | 10.85                              | 10.31                                | 12.2                               |
| 50-60                       | 12.23                                | 13.98                              | 14.43                                | 15.14                              |
| 60-70                       | 15.6                                 | 16.52                              | 16.38                                | 17.05                              |
| 70-80                       | 15.84                                | 14.72                              | 14.75                                | 13.46                              |
| 80-90                       | 13.25                                | 12.66                              | 12.77                                | 11.13                              |
| 90-100                      | 11.41                                | 11.87                              | 8.09                                 | 7.33                               |
| Above 100                   | 8.65                                 | 0.64                               | 6.56                                 | 1.51                               |
| Weighted-average LTV ratios | 71.77                                | 62.1                               | 67.48                                | 58.63                              |

\*100% of current indexed whole loan LTV. §Current LTV based on current balance excluding subordinated claims. LTV--Loan-to-value.

**Table 6**

| <b>Loan seasoning distribution*</b>     |   |   |
|---|---|---|
|   | <b>As of Sept. 30, 2024</b>               | <b>As of June 30, 2023</b>                |
|   | <b>Percentage of current pool balance</b> | <b>Percentage of current pool balance</b> |
| >0 and <=2years                         | 18.25                                     | 17.46                                     |
| >2 and <=4 years                        | 27.05                                     | 24.97                                     |
| >4 and <=5 years                        | 10.78                                     | 9.16                                      |
| >5 and <=6 years                        | 8.68                                      | 8.31                                      |
| >6 and <=7 years                        | 6.48                                      | 6.75                                      |
| >7 and <=8 years                        | 5.15                                      | 6.61                                      |
| >8 and <=9 years                        | 5.05                                      | 6.54                                      |
| >9 and <=10 years                       | 4.56                                      | 4.72                                      |
| >10 years                               | 14  | 15.48                                     |
| Weighted-average loan seasoning (years) | 5.43                                      | 5.75                                      |

\*Seasoning refers to the elapsed loan term.

**Table 7**

| <b>Geographic distribution of loan assets</b> |   |   |
|---|---|---|
|   | <b>As of Sept 30, 2024</b>                    | <b>As of June 30, 2023</b>                    |
|   | <b>Percentage of current pool balance (%)</b> | <b>Percentage of current pool balance (%)</b> |
| Southern Finland (including Helsinki)         | 43.39   | 43.85   |

**Table 7**

| <b>Geographic distribution of loan assets (cont.)</b> |   |   |
|---|---|---|
|   | <b>As of Sept 30, 2024</b>                    | <b>As of June 30, 2023</b>                    |
|   | <b>Percentage of current pool balance (%)</b> | <b>Percentage of current pool balance (%)</b> |
| Eastern Finland                                       | 7.69  | 7.2   |
| Western Finland                                       | 40.41   | 40.59   |
| Oulu  | 6.19  | 6.34  |
| Lapland   | 2.29  | 1.98  |
| Aland   | 0.03  | 0.04  |
| Total   | 100   | 100   |

**Table 8**

| <b>Collateral uplift metrics</b>                                      |                             |                             |
|---|-----------------------------|-----------------------------|
|   | <b>As of Sept. 30, 2024</b> | <b>As of Sept. 30, 2023</b> |
| Asset WAM (years)   | 10.25                       | 10.57                       |
| Liability WAM (years)   | 5.65                        | 5.25                        |
| Available credit enhancement (current balance, %)                     | 44.7                        | 33.7                        |
| Required credit enhancement for coverage of 'AAA' credit risk (%)     | 11.04                       | 18.26                       |
| Required credit enhancement for first notch of collateral uplift (%)  | 12.90                       | 22.05                       |
| Required credit enhancement for second notch of collateral uplift (%) | 14.75                       | 25.84                       |
| Required credit enhancement for third notch collateral uplift (%)     | 16.61                       | 29.62                       |
| Target credit enhancement for maximum uplift (%)                      | 18.46                       | 33.41                       |
| Potential collateral-based uplift (notches)                           | 4                           | 4                           |
| Adjustment for liquidity (Y/N)  | N                           | N                           |
| Adjustment for committed overcollateralization (Y/N)                  | N                           | N                           |
| Achievable collateral support uplift (notches)                        | 4                           | 4                           |

WAM--Weighted-average maturity.

## Counterparty risk

We analyze counterparty risk under our criteria (see "Counterparty Risk Framework: Methodology And Assumptions," published on March 8, 2019).

### Bank account provider

Borrowers make mortgage payments to the bank account of the member bank that originated the loans. These payments are only registered as part of the cover pool after the insolvency of the issuer. While this mechanism protects mortgage payments post issuer default, funds standing or paid in the collection accounts pre-issuer insolvency could be exposed to commingling risk. This is because these collections are not segregated in the cover pool. We took this risk into account considering the issuer's monthly overcollateralization reporting and assuming that half month of collections are lost.

## **Swaps**

The structure benefits from liability hedges with Nordea to hedge the interest rate risk arising from the variable interest paying assets and the fixed interest rate paying covered bonds.

To derive the maximum potential rating on the covered bonds under our counterparty criteria, we consider various factors, including whether the counterparty is related to the issuer, the seniority of termination payments, the replacement commitment, and the collateral posting framework. Nordea is unrelated to the issuer and entitled to termination payments that rank pari passu with payments on the covered bonds. According to the swap documentation, Nordea has committed to replace itself if the RCR falls below 'A-'. If Nordea fails to meet this commitment, an additional termination event would allow the issuer to terminate the derivative agreement. Furthermore, if we lower our RCR on Nordea below 'A-', it has committed to post collateral sufficient to cover the issuer's exposure to it, plus certain volatility risks in the swap value. We categorize the current collateral-posting framework in the derivative contracts as strong.

The collateral framework assessment, combined with the current RRL on the issuer and the counterparty replacement trigger ('A-'), support a 'AAA' rating under our counterparty risk assessment. However, if we were to lower our rating on Sp Central Bank by more than two notches, we would also lower our ratings on the covered bonds, all else being equal. As a result, the program benefits from two unused notches of collateral-based uplift.

## **Sovereign risk**

We analyze sovereign risk according to our "Incorporating Sovereign Risk In Rating Structured Finance Securities: Methodology And Assumptions," published on Jan. 30, 2019. Under our structured finance sovereign risk criteria, covered bonds backed by residential mortgages issued in a jurisdiction that is within a monetary union that include structural coverage of refinancing needs over a 12-month period (provided by the 12-month extendible maturity profile of the soft-bullet bonds in this instance) exhibit low sensitivity to country risk. As a result, we can rate the covered bond up to five notches above the sovereign rating. Given our 'AA+' long-term rating on Finland, sovereign risk does not constrain our rating on the covered bonds.

## **Environmental, Social, And Governance**

Environmental, social, and governance considerations have no material influence on our credit rating analysis of SPMB's mortgage covered bonds. The Finnish government guarantees part of the loan on certain residential mortgages, but as we do not consider the guarantee timely, it does not affect the credit analysis. SPMB commits to maintain an overcollateralization level in the program to sustain the rating on the covered bonds. Further, the bonds' soft-bullet repayment structure mitigates liquidity risk.

## **Related Criteria**

- Global Methodology And Assumptions: Assessing Pools Of Residential Loans--Europe Supplement, April 4, 2024
- General Criteria: Environmental, Social, And Governance Principles In Credit Ratings, Oct. 10, 2021
- Criteria | Structured Finance | General: Global Framework For Payment Structure And Cash Flow Analysis Of

Structured Finance Securities, Dec. 22, 2020

- Criteria | Structured Finance | General: Counterparty Risk Framework: Methodology And Assumptions, March 8, 2019
- Criteria | Structured Finance | General: Incorporating Sovereign Risk In Rating Structured Finance Securities: Methodology And Assumptions, Jan. 30, 2019
- Criteria | Structured Finance | RMBS: Global Methodology And Assumptions: Assessing Pools Of Residential Loans, Jan. 25, 2019
- Legal Criteria: Structured Finance: Asset Isolation And Special-Purpose Entity Methodology, March 29, 2017
- Criteria | Structured Finance | Covered Bonds: Covered Bond Ratings Framework: Methodology And Assumptions, June 30, 2015
- Criteria | Structured Finance | Covered Bonds: Covered Bonds Criteria, Dec. 9, 2014
- Criteria | Structured Finance | General: Global Derivative Agreement Criteria, June 24, 2013
- General Criteria: Principles Of Credit Ratings, Feb. 16, 2011

## **Related Research**

- S&P Global Ratings Definitions, Dec. 2, 2024
- Banking Industry Country Risk Assessment: Finland, Nov. 7, 2024
- Finland 'AA+/A-1+' Ratings Affirmed; Outlook Stable, Oct. 25, 2024
- Global Covered Bond Insights Q4 2024, Sept. 18, 2024
- Central Bank of Savings Banks Finland PLC, Nov. 13, 2023
- A Closer Look At Finland's Covered Bond Framework, Sept. 27, 2023
- Glossary Of Covered Bond Terms, April 27, 2018

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