

Japan Credit Rating Agency, Ltd. (JCR) announces the following credit rating.

Korea Investment & Securities Co., Ltd. (security code: -)

<Assignment>

Foreign Currency Long-term Issuer Rating:	A-
Outlook:	Stable
Bonds:	Preliminary AA

Rationale

- (1) The Preliminary rating is for the "JAPANESE YEN BONDS - FIRST SERIES (2023) GUARANTEED BY SUMITOMO MITSUI BANKING CORPORATION". The bonds are guaranteed by Sumitomo Mitsui Banking Corporation (SMBC) for the principal and interest and the rating reflects the credit standing of SMBC. SMBC, the guarantor, is a core commercial bank of Sumitomo Mitsui Financial Group. JCR on October 7, 2022 announced the affirmation of "AA/Stable" long-term issuer rating on SMBC. The rating of SMBC is supported by the group's strong operating base, relatively high earnings capacity, sound asset quality and capital adequacy.
- (2) Korea Investment & Securities Co., Ltd. (KIS) is a securities firm based in Korea. A holding company, Korea Investment Holdings Co., Ltd. (KIH) owns 100% of KIS' voting rights. KIS is a core company of the group that provides investment banking, asset management, brokerage and trading services primarily in Korea. JCR holds that since KIS greatly contributes to the group's revenue, its credit rating is identical to the creditworthiness of the group. The group's creditworthiness mainly reflects its well-balanced profit structure centering on fees and commissions revenue, solid operational base in Korea, ample liquidity and solid equity capital. On the other hand, it is constrained by the group's susceptibility to market environments and weak overseas operational base. From these, JCR considers the group's creditworthiness to be equivalent to A-. KIS promotes digitalization through acquisition of internet banks and looks to expand its overseas operational base mainly in the U.S., Hong Kong, Vietnam and Indonesia. JCR closely monitors the progress the company will make in improving its business profitability through the digitalization and geographic diversification of its earnings through the globalization.
- (3) KIH, founded as Dongwon Finance Co., Ltd. and listed on the Korea Stock Exchange in 2003, changed itself to the current name in 2005. KIS was acquired by KIH in 2005 and became the present form after being merged with Dongwon Securities Co., Ltd. Its CEO, Namgoo Kim was KIH's biggest shareholder with a stake of 20.7% as of the end of March 2023. Besides KIS, the group owns its savings bank, credit finance and private equity subsidiaries. The group is strongly integrated and can provide full financial services. KIS promotes digitalization and owns a 27.2% equity stake in KakaoBank, the largest internet bank in Korea, generating synergies with its securities business. In addition, it holds stakes in Toss Bank, another internet bank, and Woori Bank, a commercial bank, and is actively engaged in partnerships with banks. The group currently generates as much as about 95% of its net income from Korea, the reason it is keen to expand its overseas operational base. With nine offices in seven countries across the world, it is engaged in investment banking in the U.S. and Hong Kong and brokerage in Vietnam and Indonesia. JCR closely monitors the progress of the group's globalization strategy as its promotion can lead up to geographic diversification of its earnings.
- (4) Fees and commissions centering on brokerage are a source of KIS's profitability. The contribution of investment banking and asset management to the fees and commissions is also relatively high, ensuring its well-balanced profit structure. Relatively restrained personnel expenses and a low expense ratio also contribute to its profitability. Both its profitability such as ROE and its capital efficiency are at high levels. However, as the group makes most of its revenues in Korea, promotion of geographic revenue diversification with expanding its revenues through globalization is one of challenges it faces. KIS's net operating revenue in 2022 decreased 34% year-on-year to KRW 1.4 trillion due to a bond trading loss stemming from rising interest rates and increased provisions from investment banking's project finances. Its net operating revenue in the first quarter of 2023 remained at the same level as in the same period of 2022. Barring a major turmoil in the financial markets, JCR holds that KIS's performance will be solid in 2023.

- (5) KIS has introduced an integrated risk management system. In principle, its decisions regarding risks are made unanimously. Its risk management structure consists of Risk Management Committee set up under the Board of Directors and Risk Management Working Level Committee set up under the Risk Management Committee. Risk Management Division which reports to the CEO is divided into five risk departments. KIS is working to further strengthen its risk management by newly establishing Investment Risk Department and Risk Strategy Department. Moreover, the risks assumed by VaR and risk scenario tests are kept at a level that can be absorbed by capital.
- (6) Korean securities companies are supervised by the Financial Supervisory Service (FSS), a unit of the Financial Services Commission (FSC). Like banks, they can receive capital injections by the Korea Deposit Insurance Corporation (KDIC) when necessary, based on Article 38 of the Depositor Protection Act and Article 8 of the Act on Structural Improvement of the Financial Industry. They can also receive liquidity from the Bank of Korea through the Korea Securities Finance Corp. (KSFC) in times of crisis. KIS's net capital ratio (NCR) stood at 2,038% at the end of 2022, well above the minimum standard of 100% imposed by the authorities. Its leverage ratio as of the same date was 706%, well below the 1,100% maximum required by the authorities. KIS has no borrowings from banks and most of its funding comes from the market in the form of funds shorter than one year, and ALM matching is in place. Its liquidity stays ample as it not only keeps its liquidity ratio (as of the end of 2022) at 123%, higher than the minimum 100% threshold imposed by the authorities, but also retains an unused credit line pledged by banks.

Hiroshi Tonegawa, Shinya Iwasaki

Rating

Issuer: Korea Investment & Securities Co., Ltd.

<Assignment>

Foreign Currency Long-term Issuer Rating: A- Outlook: Stable

Issue	Amount (bn)	Issue Date	Due Date	Coupon	Preliminary Rating
JAPANESE YEN BONDS - FIRST SERIES (2023) GUARANTEED BY SUMITOMO MITSUI BANKING CORPORATION	TBD	TBD	TBD	TBD	AA

Credit Enhancement: Guaranteed by Sumitomo Mitsui Banking Corporation

<Reference>

Issuer: Sumitomo Mitsui Banking Corporation

Long-term Issuer Rating: AA Outlook: Stable

Rating Assignment Date: June 20, 2023

The assumptions for the credit ratings and the definitions of the rating symbols are published as "Types of Credit Ratings and Definitions of Rating Symbols" (January 6, 2014) in Information about JCR Ratings on JCR's website (<https://www.jcr.co.jp/en/>).

Outline of the rating methodology is shown as "JCR's Rating Methodology" (November 7, 2014), "Securities" (May 8, 2014) and "Rating Methodology for Financial Groups' Holding Companies and Group Companies" (September 1, 2022) in Information about JCR Ratings on JCR's website (<https://www.jcr.co.jp/en/>).

The rating stakeholder participated in the rating process of the aforementioned credit ratings.

A preliminary rating is a credit rating assigned as a preliminary evaluation while material terms for issue to be rated are not yet finalized. When the issuing terms are finalized, JCR will confirm them and will assign a credit rating anew. The rating level of the final rating may be different from that of the preliminary rating, depending on the final content of the terms, etc.

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JCR publishes its press releases regarding the rating actions both in Japanese and in English on the same day. In case that it takes time to translate rating rationale, JCR may publicize the summary version, which will be replaced by the full translated version within three business days. (Regarding Structured Finance products, JCR only publicize the summary version in English.)



INFORMATION DISCLOSURE FORM

Japan Credit Rating Agency, Ltd.

Disclosure Required by Paragraph (a)(1)(ii) of Rule 17g-7

Issuer:	Korea Investment & Securities Co., Ltd.
Rating Publication Date:	June 20, 2023

1

The Symbol, Number, or Score in the Rating Scale used to Denote Credit Rating Categories and Notches and, the Identity of the Obligor or the Identity and a Description of the Security or Money Market Instrument as Required by Paragraph (a)(1)(ii)(A) of Rule 17g-7

- Please see the news release. If the credit rating is a private rating, please see the report for private rating.

2

The version of the procedure or methodology used to determine the credit rating; as Required by Paragraph (a)(1)(ii)(B) of Rule 17g-7

- Please see the news release. If the credit rating is a private rating, please see the report for private rating.

3

The Main Assumptions and Principles used in Constructing the Procedures and Methodologies used to Determine the Credit Rating as Required by Paragraph (a)(1)(ii)(C) of Rule 17g-7

- The credit rating methodology assumes, in principle, to be applied to assess the likelihood of a given debt payment in light of its issuer's condition and business environment, etc. in the relevant future. There is certain limitation, however, in the time horizon that the rating foresees.
- The credit rating methodology assumes, in principle, that the factors posted in the below are particularly important for such likelihood to be determined, and that the rating determination is made by evaluating each of them not only quantitatively but also employing qualitative analyses.

A) Business Bases

The likelihood of a given debt payment is highly conditional to its issuer's business bases - how they can be maintained/ expanded into the future and thereby secure earnings and cash flows in adequacy and in a sustainable way.

B) Financial Grounds and Asset Quality

The likelihood of debt payment is highly dependent on the degree of the issuer's indebtedness and loss absorption capacity in terms of equity capital. Also notable is that a financial institution might see a significant loss of financial grounds as a result of changes in value of the assets under its possession.

C) Liquidity Positions

The likelihood of debt payment is highly dependent on the adequacy of the issuer's cash and other sources of repayment (liquidity positions).

D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The likelihood of debt payment is affected one way or the other by the issuer's related parties such as parent company, subsidiary, guarantor, and the government of the issuer's business domicile, etc. - by their own conditions and/ or position of support/ assistance for the issuer.

E) Order of Seniority in Debt Payment

The likelihood of debt payment can be different between given debts of the same issuer. The likelihood of debt payment for an individual debt is dependent on the issuer's discretion, and/ or its rank relative to other debts of the same issuer in the order of seniority in principal/ interest payment which is determined by design as financial product or by laws, etc.

4 The Potential Limitations of the Credit Rating as Required by Paragraph (a)(1)(ii)(D) of Rule 17g-7

- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- The objective of the credit rating herewith presented does not include any concerns other than the likelihood of debt payment, such as risks of price changes, market liquidity, etc.
- The credit rating herewith presented is necessary to be reviewed along with possible changes of the issuer of rated objects in its business performance and/ or circumstances which include regulatory environment, and hence subject to possible alteration.

5 Information on the Uncertainty of the Credit Rating as Required by Paragraph (a)(1)(ii)(E) of Rule 17g-7

- The information used for the determination of credit rating as herewith presented is obtained by JCR from the issuer of rated objects and other sources that JCR trusts in terms of accuracy and reliability but possibly contains errors due to human, non-human or other causes. Consequently, the credit rating determined on the grounds of such information does not constitute, explicitly or implicitly, any representation or warrant of JCR on the information itself or any consequences of its use in terms of accuracy, relevance, timeliness, wholeness, market value, or usefulness for any specific purposes.

6 Use of Due Diligence Services of a Third Party in Taking the Rating Action as Required by Paragraph (a)(1)(ii)(F) of Rule 17g-7

- There is no use of any third-party due diligence service in the determination of the credit rating herewith presented.

7 Use of Servicer or Remittance Reports to Conduct Surveillance of the Credit Rating Required by Paragraph (a)(1)(ii)(G) of Rule 17g-7

- There is no use of any servicer or remittance report to conduct surveillance of the credit rating herewith presented.

8 The Types of Data Relied Upon for the Purpose of Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(H) of Rule 17g-7

- The information posted in the below, which includes data, is used for the determination of the credit rating herewith presented.
 - A) Audited financial statements presented by the rating stakeholders
 - B) Explanations of business performance, management plans, etc. presented by the rating stakeholders
 - C) Documentation of the rated financial product presented by the rating stakeholders

9 Overall assessment of the Quality of Information Available and Considered in Determining the Credit Rating as Required by Paragraph (a)(1)(ii)(I) of Rule 17g-7

- JCR holds its basic policies for securing the quality of information as a base of due diligence for the determination of credit ratings. The information used as a base for the determination of credit rating herewith presented satisfies such policies, which include the audit by an independent auditor, the warranty made by the issuer, the publication by the issuer, some independent media or, otherwise, JCR analyst's scrutiny, etc.
- JCR sees no particular weakness in the quality of information used for the determination of the credit rating herewith presented as compared to the information used in other cases of the credit rating for comparable issuers or ratable objects.
- If the credit rating is an Indication, please see the report for Indication.

10 Information Relating to Conflicts of Interest as Required by Paragraph (a)(1)(ii)(J) of Rule 17g-7

- JCR receives payment of compensation for the determination of the credit rating herewith presented from either one of those parties who are issuer, underwriter, depositor or sponsor.
- JCR did not receive in the last fiscal year in the past payment of compensation from the same party for any kind of JCR's service other than the determination of public or private credit rating, such as one in the ancillary business.

11 Explanation or Measure of the Potential Volatility of the Credit Rating as Required by Paragraph (a)(1)(ii)(K) of Rule 17g-7

A) Business Bases

The credit rating is subject to alteration if there is improvement or deterioration of the issuer's business bases, since its revenue, etc. may improve or deteriorate by the change in its business management policies, clients' preferences, competitive situation, or a technological innovation. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change in the business bases is large.

B) Financial Grounds and Asset Quality

The credit rating is subject to alteration if the issuer increases/ decreases its debt/ capital or vice versa and thereby makes its individual debt payment liability less or more bearable and its loss absorption capacity into the future decreased or increased. Also, the changes in the quality of asset under the issuer's holding may affect the credit rating, since such changes could raise or lower the likelihood of future loss of the issuer's financial grounds. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change in the financial grounds and/ or asset quality is large.

C) Liquidity Positions

The credit rating is subject to alteration if there is a change in the issuer's financial management policy or in the relations with fund procurement sources and the change thereby makes its liquidity positions

improve or deteriorate. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is large.

D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The credit rating is subject to alteration if there is a change in the issuer's parent company or subsidiary, guarantor or other provider of credit enhancement, or the government of the issuer's business domicile, or other related parties' own conditions and/ or position of support/ assistance for the issuer, and the change thereby makes its business bases, financial grounds and/ or liquidity positions improve or deteriorate, and/ or making the effectiveness of guarantee and other credit enhancement improve or deteriorate. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large.

E) Order of Seniority in Debt Payment and Non-Payment Forgiven by Contract

The credit rating is subject to alteration if there is a change in the rated debt's status in the order of seniority relative to other debts caused by the improvement/ deterioration of the issuer's financial condition. The resultant alteration of the credit rating is usually a notch, with possibility of a few notches if and when the change is large. Also, in case of the financial products for which non-payment of interest/ principal is contractually permissible, the credit rating is subject to alteration if and when the likelihood of such non-payment is projected to increase or decrease. The resultant alteration of the credit rating could be by a notch but often as much as a few notches.

F) Rise and Fall in General Economy and Markets

The credit rating is subject to alteration if there is a rise/ fall in the general economy and/ or the markets inducing the issuer's revenues/ expenses to increase/ decrease and vice versa, etc. The resultant alteration of the credit rating is usually by a notch, with possibility of a few notches if and when the change is exceptionally large.

G) Various Events

The credit rating is subject to alteration on occurrence of various events, such as change in the issuer's major shareholders, M&A and other organizational change, accident, violation of the law, litigation, legal/ regulatory change, natural disaster, etc., which are unforeseeable at the time when the credit rating is determined, causing a significant change on the issuer's business bases, financial grounds, etc. The resultant alteration of the credit rating could be by a notch but more often than not as much as a few notches.

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Information on the Content of the Credit Rating, Including the Historical Performance of the Credit Rating and the Expected Probability of Default and the Expected Loss in the Event of Default as Required by Paragraph (a)(1)(ii)(L) of Rule 17g-7

- The credit rating herewith presented by JCR is its summary opinion with regard to the likelihood of given debt payment and hence not necessarily a perfect representation of such likelihood. The credit rating is not intended to estimate the probability of default or the loss on given default, either.
- Facts of the probability of default are posted as Form NRSRO Exhibit 1 on the JCR website under the URL:

<https://www.jcr.co.jp/en/service/company/regu/nrsro/>

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Information on the Sensitivity of the Credit Rating to Assumptions Made as Required by Paragraph (a)(1)(ii)(M) of Rule 17g-7

A) Business Bases

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's business bases and powers of earning or cash flow generation, etc. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's business bases on some drastic change in the operational environments, etc.

B) Financial Grounds and Asset Quality

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's financial grounds and asset quality. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's financial grounds and/ or asset quality on some drastic change in its business bases.

C) Liquidity Risks

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's liquidity positions. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if the development is rapid in improvement or deterioration of the issuer's liquidity positions on some drastic change in its financial management policy or relations with fund procurement sources, etc.

D) Related Parties' Status and Stance of Support/ Assistance for the Issuer

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the issuer's parent company or subsidiaries, guarantor or other providers of credit enhancement, the government of the issuer's business domicile or other related parties' status and stance of support/ assistance for the issuer. The resultant change of the credit rating is most likely by a notch, as JCR speculates, but possibly as much as a few notches if there is a major change on the part of related parties, such as replacement, disappearance, some drastic improvement/ deterioration of financial grounds/ balances, etc.

E) Rise and Fall in General Economy and Markets

The credit rating herewith presented could be changed if and when the assumptions made at the time of its determination turn out to be inaccurate with regard to the prospects of general economy and markets. JCR expects the change should be most likely by a notch but could be as much as a few notches, should the economy or the markets change so greatly.

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Information on the Representations, Warranties, and Enforcement Mechanisms of an Asset-backed Security as Required by Paragraph (a)(1)(ii)(N) of rule 17g-7

- The credit rating herewith presented is not for an ABS product, and hence no relevant issue.

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Attestation Required by Paragraph (a)(1)(iii) of Rule 17g-7

I, Kiichi Sugiura, have responsibility to this Rating Action and to the best of my knowledge:

- A) No part of the credit rating was influenced by any other business activities.
- B) The credit rating was based solely upon the merits of the obligor, security, or money market instrument being rated.
- C) The credit rating was an independent evaluation of the credit risk of the obligor, security, or money market instrument.

杉浦 輝一

Kiichi Sugiura
General Manager of International Rating Department

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