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# **Sustainability Report 2022**

## Editorial Policy

The JX Nippon Mining & Metals Group engages in ESG management in all its business endeavors, toward the sustainable development of society. We issue one edition of the Sustainability Report each year to disclose appropriate corporate information to a broad range of stakeholders, including customers, shareholders and investors, employees, suppliers, and local and international communities. As an important communication tool, this report is designed to enhance stakeholders' understanding of our ESG activities.

The Sustainability Report 2022 is structured around the Message From the President, with an awareness of the need to both enhance corporate value and create a sustainable society. This report's presentation is also designed to be easier to understand visually by using illustrations and graphs.

#### Referenced Guidelines

- The Ten Principles and Assurance and Validation Procedure International Council on Mining and Metals (ICMM)
- GRI Sustainability Reporting Standards (GRI Standards), Global Reporting Initiative (GRI)
- Environmental Reporting Guidelines 2018, Ministry of the Environment
- Task Force on Climate-related Financial Disclosures (TCFD)



The indicators in this report that are assured by a third-party organization are marked with a check.

## Definitions of Terminology

JX Nippon Mining & Metals (The Company): The terms "JX Nippon Mining & Metals" and "the Company" refer to JX Nippon Mining & Metals Corporation.

The JX Nippon Mining & Metals Group (the

Group): The terms "the JX Nippon Mining &Metals Group" and "the Group" refer to JX Nippon Mining & Metals Corporation and all its subsidiaries. However, the companies subject to reporting vary among different sections of the report (see "Scope of this Report" for details). The ENEOS Group: The term "the ENEOS Group" refers to the corporate group formed by ENEOS Holdings, Inc., the parent company of JX Nippon Mining & Metals Corporation. Along with the Company, the core operating companies of the ENEOS Group are ENEOS Corporation and JX Nippon Oil & Gas Exploration Corporation.

#### **Publication Date**

March 2023

Publication date of previous report: January 2022 Publication date of next report: January 2024

#### Reporting Period

April 2021 - March 2022 In principle, this report covers our business activities during fiscal 2021. To ensure comprehensive disclosure, however, it also includes certain information regarding important events that occurred prior to or after this period.

### Scope of this Report

This report covers JX Nippon Mining & Metals Corporation as well as domestic and overseas Group companies. However, in certain parts of the report (listed as "Corresponding Sections" in the table below), we report main indicators only for those companies as described under "Scope of this Report" in the table below. Where the scope of reporting for each indicator differs from the scope shown in the table below, this scope shall be noted separately.

Corresponding Sections	Scope of this Report
Business Overview	Companies included in the consolidated financial statements of JX Nippon Mining & Metals.  * The Company and its consolidated subsidiaries listed on the right that have the ② symbol after their names.
Environment	Energy and GHGs: Business locations of quantitative importance to the JX Nippon Mining & Metals Group (including business locations with production activities and closed mines) (Companies listed on the right marked with •) Other environmental data: Production sites of corporations with 21 or more employees (Companies listed on the right marked with *)
Employees, Society, Corporate Governance	The Company and 81 companies in which the Company has 50% or greater voting rights directly or indirectly.  * Main companies covered by this report are those marked with ★ to the right.

## **Main Companies Covered by This Report**

#### Domestic

JX Nippon Mining & Metals Corporation ○●\*★ JX Metals Trading Co., Ltd. ○●\*★ Toho Titanium Co., Ltd. ◎●\*★ JX Nippon Mining Ecomanagement, Inc.  $\bigcirc \bullet \bigstar$ Yoshino Mines Co., Ltd. ○●★ Oya Mines Co., Ltd. ◎●★ Hokuriku Mines Co., I td. ○●★ Shin-Takatama Mining Co., Ltd. ◎●★ Kaneuchi Mining Co., Ltd. ○●★ Hitachi Mines Co., Ltd. ○●★ Shakanai Mines Co., Ltd. ○●★ Hanawa Mines Co., Ltd. ○●★ Hokushin Mining Co., Ltd. ○●★ Namariyama Mining Co., Ltd. ◎●★ Kamikita Mines Co., Ltd. ○●★ Toyoha Mine Co., Ltd. ◎●★ Shimoda Hot Springs Co., Ltd. ◎●★ Kamine Clean Service Co., Ltd. ◎★ Furuuchi Chemical Corporation ○●\*★ Ibaraki Nikko Kensetsu Co. Ltd. ○★ JX Metals Circular Solutions Co., Ltd. ○●\*★ JX Metals Plant Saganoseki Co., Ltd. ◎★ Kasuga Mines Co., Ltd. ○●\*★

GRI Standards Content Index (Core Option) -

JX Nippon Exploration and Development Co., Ltd. ◎★ Hong Kong Nikko Shoji Co., Ltd. ◎★ MFN Investment LLC ◎★ Nippon Caserones Resources Co., Ltd. ◎★ Pan Pacific Copper Co., Ltd. ○●★ Keihin Kaseihin Center Co., Ltd. ○●★ PPC Logistics Co., Ltd. ◎★ JX Metals Smelting Co., Ltd. ◎●\*★ JX Metals Smelting Logitech Co., Ltd. ◎●★ Japan Copper Casting Co., Ltd. ○●\*★ Japan Korea Joint Smelting Co., Ltd. ◎★ JX Nippon Environmental Services Co., Ltd. ○●\*★ JX Nippon Tomakomai Chemical Co., Ltd. ○●\*★ JX Nippon Mikkaichi Recycle Co., Ltd. ◎●\*★ JX Nippon Tsuruga Recycle Co., Ltd. ○●\*★ JX Nippon Takasho Co., Ltd. ◎●\*★ Ichinoseki Foil Manufacturing Co., Ltd. ○●\*★ JX Nippon Coil Center Co., Ltd. ◎●\*★ JX Metals Precision Technology Co., Ltd. ○●\*★ Kitaibaraki Precision Co., Ltd. ○●\*★ JX Nippon Foundry Co., Ltd. ◎●★ TANIOBIS Japan Co., Ltd. ○●\*★ Toho Material Co., Ltd. ○●★ Advanced Forging Technology, Inc. ○●★

## Overseas

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Shenzhen Nikko Shoji Co., Ltd. ◎★ Materials Service Complex (Thailand) Co., Ltd. ○●★ Materials Service Complex Coil Center (Thailand) Co., Ltd. ◎\*★ Nikko Metals Taiwan Co., Ltd. ○●\*★ JX Nippon Mining & Metals Shanghai Co., Ltd. ○★ MLCC Finance Netherlands B.V. ◎★ Nippon Mining of Netherlands B.V. ©★ Nippon LP Resources B.V. ◎★ Nippon LP Resources UK Limited ©★ JX Nippon Mining & Metals Chile SpA ◎★ Compania Minera Quechua S.A. ◎★ JX Nippon Mining & Metals Exploration Peru S.A.C. ◎★ JX Nippon Mining & Metals Exploration Chile Limitada ◎★ Nippon Caserones Resources Canada Enterprises Corp. ◎★ SCM Minera Lumina Copper Chile ○●\*★ Caserones Finance Netherlands B.V. ○★ JX Nippon Mining & Metals Philippines, Inc. ○●\*★ Nippon Mining & Metals (Suzhou) Co. Ltd ○●\*★ Nikko Fuji Precision (Wuxi) Co., Ltd. ○●\*★ Materials Service Complex Malaysia Sdn. Bhd. ○●\*★ Nikko Metals Shanghai Co., Ltd. ◎★ JX Nippon Mining & Metals Dongguan Co., Ltd. ○●\*★ JX Nippon Mining & Metals USA, Inc. ○●\*★ JX Nippon Mining & Metals Europe GmbH◎★ JX Nippon Mining & Metals Korea Co., Ltd. ○●\*★ JX Nippon Mining & Metals Singapore Pte. Ltd. ○★ TANIOBIS GmbH◎●\*★ TANIOBIS Co., Ltd. ◎●\*★ TANIOBIS Smelting GmbH & Co. KG◎●\*★ TANIOBIS USA LLC◎★ JX Metals Circular Solutions Europe GmbH◎★

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<sup>\*</sup> Company names are current as of fiscal 2021.