

May 18, 2021

JX Nippon Mining & Metals Corporation

## **Intermediate Target Set for Fiscal 2030 as a Step toward Net-Zero CO<sub>2</sub> Emissions: Group CO<sub>2</sub> Emissions to be Reduced by 50 Percent 10 Years Ahead of Schedule**

JX Nippon Mining & Metals Corporation (President: Murayama Seiichi; “the Company”) has set an intermediate target for fiscal 2030 of reducing the Group’s CO<sub>2</sub> emissions to 50 percent of fiscal 2018 emissions, as a step toward achieving net-zero CO<sub>2</sub> emissions by fiscal 2050. This will result in the target set previously—a 50 percent reduction by fiscal 2040—being achieved 10 years ahead of schedule.

Dealing with climate change is an urgent issue requiring action on a worldwide scale, and initiatives to address this issue in individual countries and corporations are gaining increasing pace. Having set net-zero CO<sub>2</sub> emissions in fiscal 2050 as its final target, the Company regarded it as essential to establish a target for fiscal 2030 as a step toward achieving this, and it has discussed on this intermediate target. When defining the specific emissions reduction target, the Company considered the progress of its existing emissions reduction measures and set a rate of reduction that would compare favorably with world-class standards, aiming to be the ESG leading company in the non-ferrous metals industry.

First of all, as one of its measures to achieve this target, the Company is expediting the adoption of CO<sub>2</sub>-free electric power in all our Group’s business areas. CO<sub>2</sub>-free electric power has already been adopted at the Caserones Copper Mine since January 2021, and the Company will continue to introduce it at major operating sites in Japan and overseas progressively over time.\*<sup>1</sup>

Other measures include the following, the Company is also conducting capital investment to generate renewable energy, and making use of PPA\*<sup>2</sup> models, furthermore, investigating how to dramatically reduce CO<sub>2</sub> emissions through such means as fuel switching and fundamental process development.

In addition to these initiatives, other measures the Company is pursuing include developing products and technologies that will contribute to the decarbonization of society. In particular, the Company is working to reduce energy consumption and make effective use of resources by using excess reaction heat from copper smelting to treat recycled raw materials. We will promote “hybrid smelting” by incorporate even higher levels of these recycled raw materials.

The Company is seeking to financially support the implementation of these measures by setting an ESG investment limit total of 20 billion yen over the next two years.

The Company will continue contributing to decarbonization and the creation of a sustainable society through integrated operation of its businesses spanning mineral resources, metal smelting, advanced materials, and

recycling and environmental services.

\* <sup>1</sup>.Introduction of CO<sub>2</sub>-Free Electric Power Already Completed, and Scheduled

Month of Introduction	Business Area	Name of Operating Site
January 2021	Mineral resources	Caserones Copper Mine (SCM Minera Lumina Copper Chile)
January 2021	Tantalum and Niobium	Goslar (TANIOBIS GmbH)
April 2021	Functional Materials	Kurami Works
April 2021	Thin Film Materials	Isohara Works
June 2021	Metals & Recycling	Saganoseki Smelter & Refinery (JX Metals Smelting Co., Ltd.)

\*<sup>2</sup>. PPA stands for Power Purchase Agreement. It refers to agreements whereby consumers (electricity users) offer power producers space, often on the grounds or roofs of their properties, and the power producers install, operate, and maintain power generation equipment, supplying the power generated to the consumers.