

Value Creation Model

The JX Nippon Mining & Metals Group works to identify and recognize the social issues calling for resolution by JX, and seeks to promote a value creation model in growing sustainably and resolving social issues.

Key Social Trends

Expanding demand for advanced materials

- The spread of COVID-19 has accelerated the advance of the data society, and demand is increasing for smart devices and communication infrastructure.
- As supply shortages of semiconductors and other materials become apparent, demand is increasing rapidly for materials to resolve these shortages.

Global acceleration in addressing climate change

- As environmental issues become more apparent around the world, global companies are accelerating concrete actions to address climate change, particularly toward decarbonization.

Deepening resource shortages/depletion

- With greater resource consumption, competition is intensifying in acquiring high quality, low cost resources.
- There is focus on nonferrous metals to support future infrastructure and growing concerns about depletion

Inputs (Capital)

Financial capital

Intellectual capital

Human capital

Manufacturing capital

Social/Relationship capital

Natural capital

Business Activities (Business Model)

Long-term Vision

By pivoting from being an equipment industry company to a technology-based company, we will realize a highly profitable structure even in the face of intensifying international competition and contribute to the realization of a sustainable society as targeted by the SDGs*.

Focus Businesses

Core of our growth strategy

These businesses, like advanced materials and technology-based recycling, establish competitive advantage by using technology to differentiate

▶ Expanding the scope of revenue by building a system that constantly maintains a product/technology lineup with small-lot, diverse production and high profitability

Base Businesses

Businesses such as the mineral resources business and the smelting and refining business where we will enhance competitiveness and bolster the organizational foundation by further improving production efficiency, etc.

▶ Implementing structural reforms (e.g. thorough optimizations and reviewing resource portfolios) to maintain a certain level of profits

Materiality

▶ P37

Given the business environment where the Group operates and society's changing demands, we have established six materialities (priority issues) that we will prioritize, incorporating them into specific activity plans.

Contributing to Environmental Conservation ▶ P39

Provide Advanced Materials That Support Lives and Lifestyles ▶ P43

Create Attractive Workplaces ▶ P53

Respect Human Rights ▶ P61

Coexistence and Co-Prosperity With Local Communities ▶ P65

Strengthen Governance ▶ P69

Medium-Term Management Plan

▶ P13

Functional Materials Business
▶ P23

Thin Film Materials Business
▶ P24

Tantalum and Niobium Business
▶ P25

Mineral Resources Business
▶ P26

Metals & Recycling Business
▶ P27

Titanium Business
(Toho Titanium Co., Ltd.)
▶ P28

Outputs (Products/Services)

Treated rolled copper foil

Sputtering targets

High-purity tantalum powder

Refined copper

Titanium sponge

Outcomes (Created Value)

Advanced materials-derived products support a data-driven society, contributing to rich, convenient lifestyles

Limited resources are effectively utilized through recycling technologies, realizing a rich and sustainable world

Conducting community-based social contribution activities at domestic & overseas locations, as we have consistently valued harmony with local communities since our founding

* SDGs: An abbreviation for the Sustainable Development Goals.
This is a shared set of development goals among the international community to achieve a sustainable society with a deadline of 2030, adopted at a United Nations Summit in September 2015.