# 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.

**Long-term Vision** 

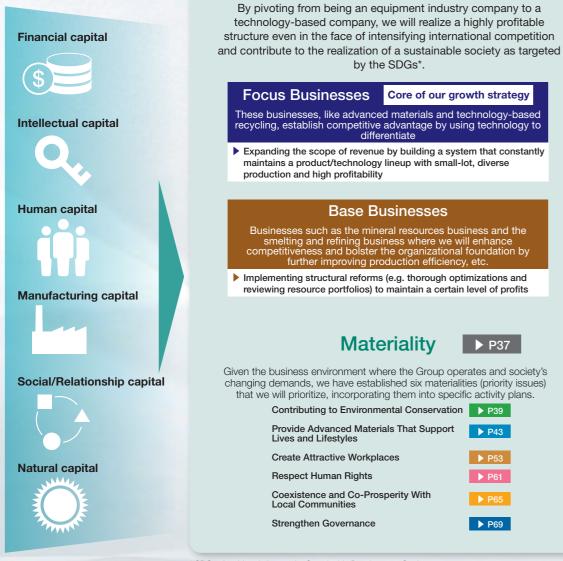
### Global acceleration in addressing climate change

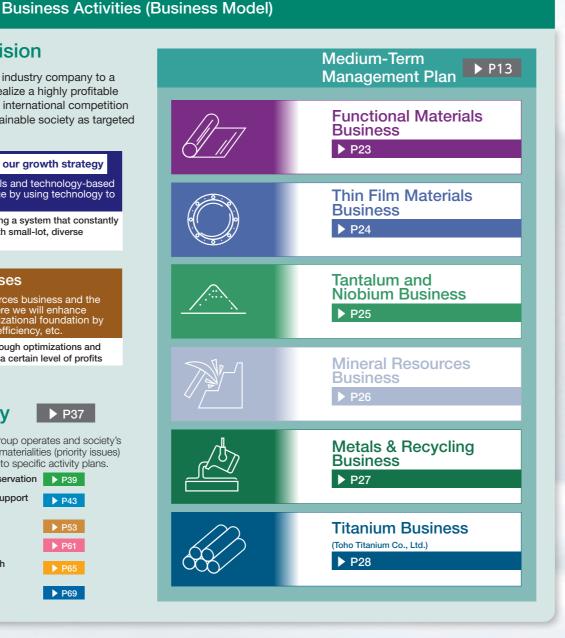
 As environmental issues become more apparent around the world, global companies are accelerating concrete actions to address climate change, particularly toward decarbonization.

# 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)





\* 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.

**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

