



Value Creation Model

The JX 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.

Medium-Term Management Plan



2040
The JX Metals Group
Long-Term Vision 2040

Contribute to creating a sustainable society as a global leader of semiconductor and ICT materials

JX Metals Value Creation

INPUTS (FY2022)

Financial Capital

Total assets
1,859.2 billion yen

Manufacturing Capital

No. of sites
Japan: **33** overseas: **38**

Intellectual Capital

R&D expenses
13,573 million yen

Human Capital

Consolidated employees
10,759
(as of March 31, 2023)

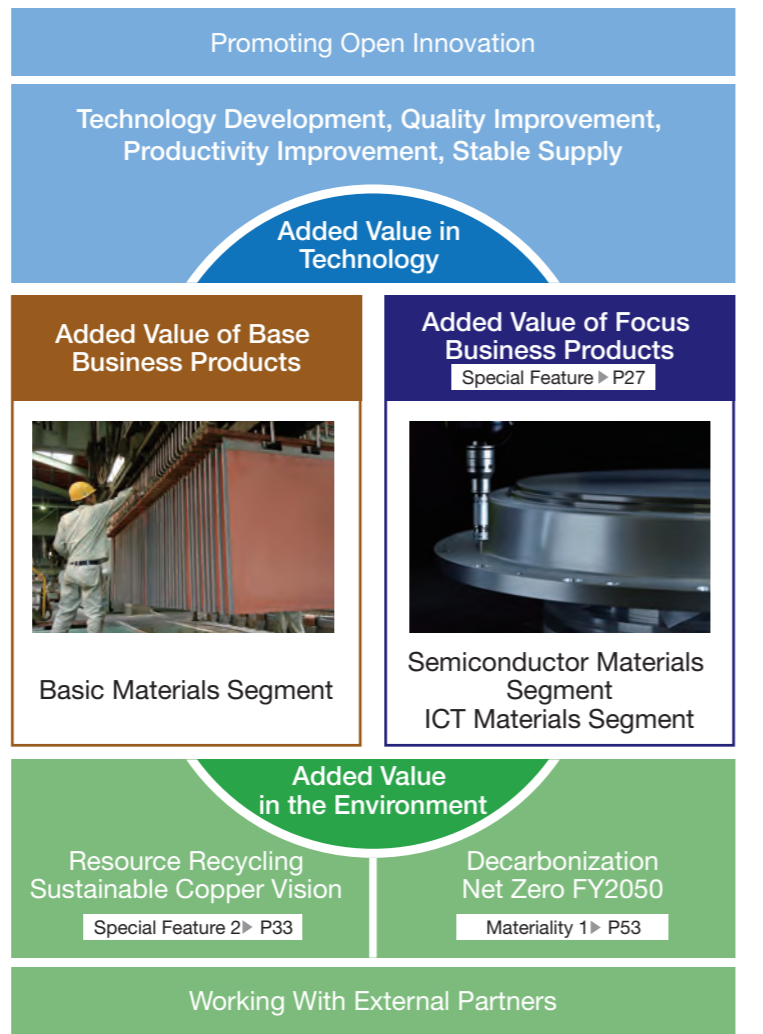
Social/Relationship Capital

Copper Mark* Certification acquisition
2 sites

Natural Capital

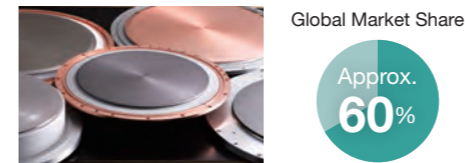
Energy consumption
13,157 TJ

BUSINESSES



OUTPUTS

Sputtering Target for Semiconductors



Treated Rolled Copper Foil for Flexible Printed Circuit Board (FPC)



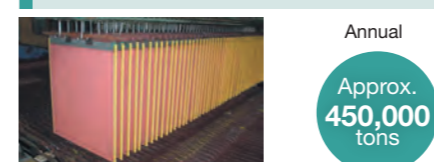
Indium Phosphide Compound Semiconductor Substrates



High-Purity Tantalum Powder



Electrolytic Copper Production Capacity



OUTCOMES

Economic Value

Projected Operating Profit in 2040

Focus Businesses

200.0 billion yen

Base Businesses

50.0 billion yen

Social and Environmental Value

- Advanced materials drive IoT and AI, contributing to remote medicine, the spread of education in developing countries, and other areas
- Expansion of powder technologies broadens the scope of 3D printer applications to achieve resource conservation
- Conservation of natural resources and the natural environment by effectively using urban mines through technological innovation in recycling



IMPACTS

A Sustainable Society That Enables Both Digitization and Environmental Conservation

Key Social Trends

- Expanding needs for advanced materials
- Global acceleration in addressing climate change
- Intensifying mineral resource shortages/depletion

*Company estimate as of October 31, 2023