News Release

January 14, 2025
JX Advanced Metals Corporation

Launch of 100% Recycled High-Performance Copper Alloys

— Introducing Sustainable Copper Titanium Alloys and Corson Alloys—

JX Advanced Metals Corporation (President: Yoichi Hayashi, hereinafter "the Company") is pleased to announce the launch of high-performance copper alloys made from 100% recycled materials as part of the "Cu again" project (Note 1). The first products in this lineup are copper titanium alloys and Corson alloys in strip and foil forms (Note 2).

This lineup is produced by recycling materials collected in collaboration with our group companies, utilizing JX Advanced Metals' unique technologies for impurity separation and contamination prevention. The products have been verified by the third-party organization UL Solutions as being made from 100% recycled materials (UL2809), ensuring high reliability.

Our copper titanium alloys and Corson alloys are widely used in camera units inside smartphones as well as connectors inside advanced ICT devices and EVs, supporting the information society and decarbonization. Additionally, there is a rapidly increasing demand for these highly reliable connector materials inside generative AI data centers. They are also expected to be adopted in growth areas such as next-generation wearable devices, mobility devices, and industrial robots. We will propose these 100% recycled alloys to a wide range of customers who require environmentally friendly advanced materials and expand our lineup.

The JX Advanced Metals group will continue to promote resource recycling initiatives in collaboration with every party in the supply chain of various copper products, contributing to the development of a sustainable society.

Public Relations & Investor Relations Dept., JX Advanced Metals Corporation
The Okura Prestige Tower 10-4, Toranomon 2-chome, Minato-ku, Tokyo 105-8417, Japan Tel: +81-3-6433-6056

(Note 1)

About the "Cu again" Project

Launched in January 2024, the "Cu again" project initially focused on promoting the use of 100% recycled electrolytic copper. We have now expanded its scope to include various copper products produced by our group, promoting resource recycling. "Cu again" signifies our wish for copper (Cu) to return as scrap after fulfilling its role in society, be recycled, and again support the future society. Under this project, our group will continue to advance resource recycling of various copper products, including electrolytic copper and high-performance copper alloys, in collaboration with every party in the supply chain.

The "Cu again" Logo

Depicts aiming for infinite (∞) circulation together with every party involved in the circulation of copper resources.

(Note 2)

Product Lineup of 100% Recycled High-Performance Copper Alloys (as of December 2024)

Copper Titanium Alloys (Item Numbers: C1990, C1995, NKT322)

Copper titanium alloys are a copper alloy with titanium as the main additive element. They exhibit excellent strength, stress relaxation resistance, and bend formability. C1990 has achieved 100% recycling of both titanium and copper. C1995 and NKT322 are currently 100% recycled only for the copper content.

Corson Alloys (Item Numbers: NKC4419, NKC286, C7025, NKC388, NKC164E, NKC164, NKC8738)

Corson alloys are a type of special copper alloy with Ni and Si as the main secondary components. They exhibit high strength, high conductivity, and excellent bend formability. All the above items are 100% recycled only for the copper content.

The functionality and characteristics are equivalent to conventional products.

Please refer to the "Products and Services" section of our website for our lineup of copper alloy strips.

Public Relations & Investor Relations Dept., JX Advanced Metals Corporation
The Okura Prestige Tower 10-4, Toranomon 2-chome, Minato-ku, Tokyo 105-8417, Japan Tel: +81-3-6433-6056