## Endowed Research Unit for Non-ferrous Metals Resource Recovery Engineering (JX Metals Endowed Unit)

## [ Towards Highly Sustainable Society ]

Institute of Industrial Science, Endowed Chairs

Non-ferrous Metals Resource Recovery Engineering

http://www.metals-recycling.iis.u-tokyo.ac.jp/

In the second period, this unit advanced and strengthened the activities

undertaken in the first period and spread awareness about the

significance of this field among the general public, especially young

Lecturer Takanari Ouchi and Prof. Tomoko Sugano joined the unit in

In the third period starting from January 2022, in addition to the past

activities, we are developing newer activities focusing on SDGs and

generation (under high-school age) and their parents.

August 2021 and January 2022, respectively.

January 2012 to December 2016 (5 years)

January 2017 to December 2021 (5 years)

January 2022 to December 2026 (5 years)

## Industry–University Collaboration Center for Developing New Metal Recycling Processes

[Period] 1st period:

2nd period:

3rd period:

Sponsor: JX Nippon Mining & Metals Corporation

Recycling valuable materials is crucial for sustainable development. High-quality natural resources are depleting, and resource nationalism is intensifying in countries that own abundant natural resources. Therefore, it is imperative for the Japanese society to promote the recycling of rare metals and base metals.

This unit develops environmentally-sound processes for recycling based on smelting and refining technologies for non-ferrous metals. Furthermore, in collaboration with industrial sectors, this unit aims at training young researchers and engineers belonging to this field.

## **Research Group**



