

ASEAN-Japan Economic Co-Creation Forum  
Circular Economy Session:

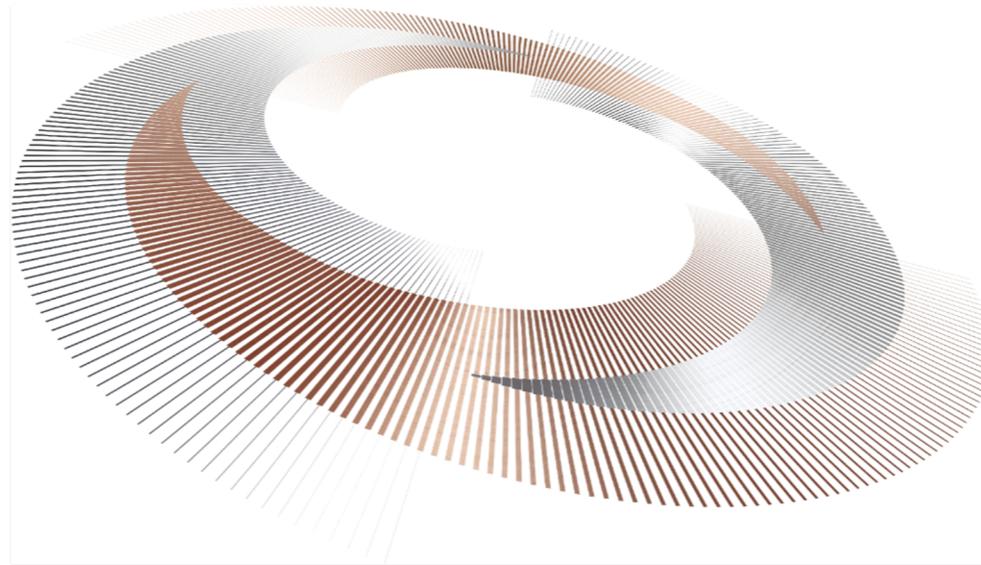
## **E-waste recycling / ASEAN initiatives**

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For people, society and the earth, circulating resources for a sustainable future

In order to make careful use of limited resources,  
we will give new life to used products as new resources.

We will return these resources to society with new value added.

We will build a platform for this resource circulation and create value as an active player.

As we look to the future, we will make a strong contribution to the creation of a sustainable society,  
and help to widen the scope of resource circulation.

# Corporate Profile \*as of March 31, 2023

Company Name	Mitsubishi Materials Corporation
Head Office	3-2-3, Marunouchi, Chiyoda-ku, Tokyo
Originally Founded	1871
Date of Establishment	1950
Paid-in Capital	119.4 Billion yen
Net Sales	1,625.9 Billion yen *Consolidated
Number of Employees	18,576 *Consolidated



# Recycling Network

## リサイクル関連拠点所在地 (Location of factories related to recycling)

- A-G 家電リサイクルプラント (Home Appliances Recycling Plant)
- B-G 家電リサイクルプラント (Home Appliances Recycling Plant)
- 自動車リサイクルセンター (End of Life Vehicle Recycling Center)
- 焼却飛灰リサイクルプラント (Incineration Fly Ash Recycling Plant)
- 食品廃棄物バイオガス化プラント (Food waste biogas Plant)
- 非鉄製錬所 (Smelter&Refinery)
- セメント工場 (Cement Plant)

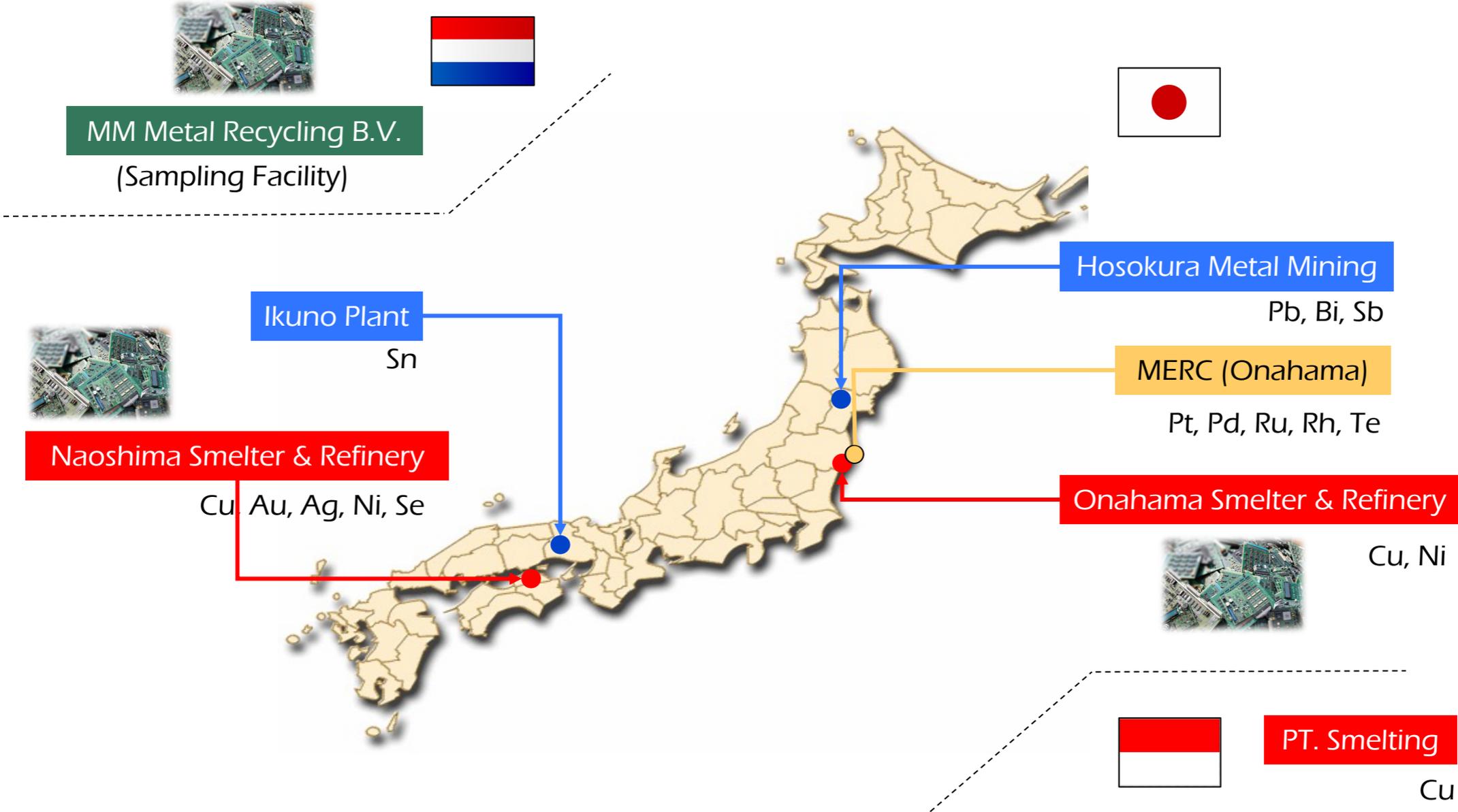
我々は、資源循環型社会の実現を目指し、家電リサイクル工場・非鉄製錬所・セメント工場の間で、再生資源の物流ネットワークを構築しています。

We try to materialize the resource sustainable society by establishing the network of resource recycling among home appliances plants, smelter, refineries, and cement plants.

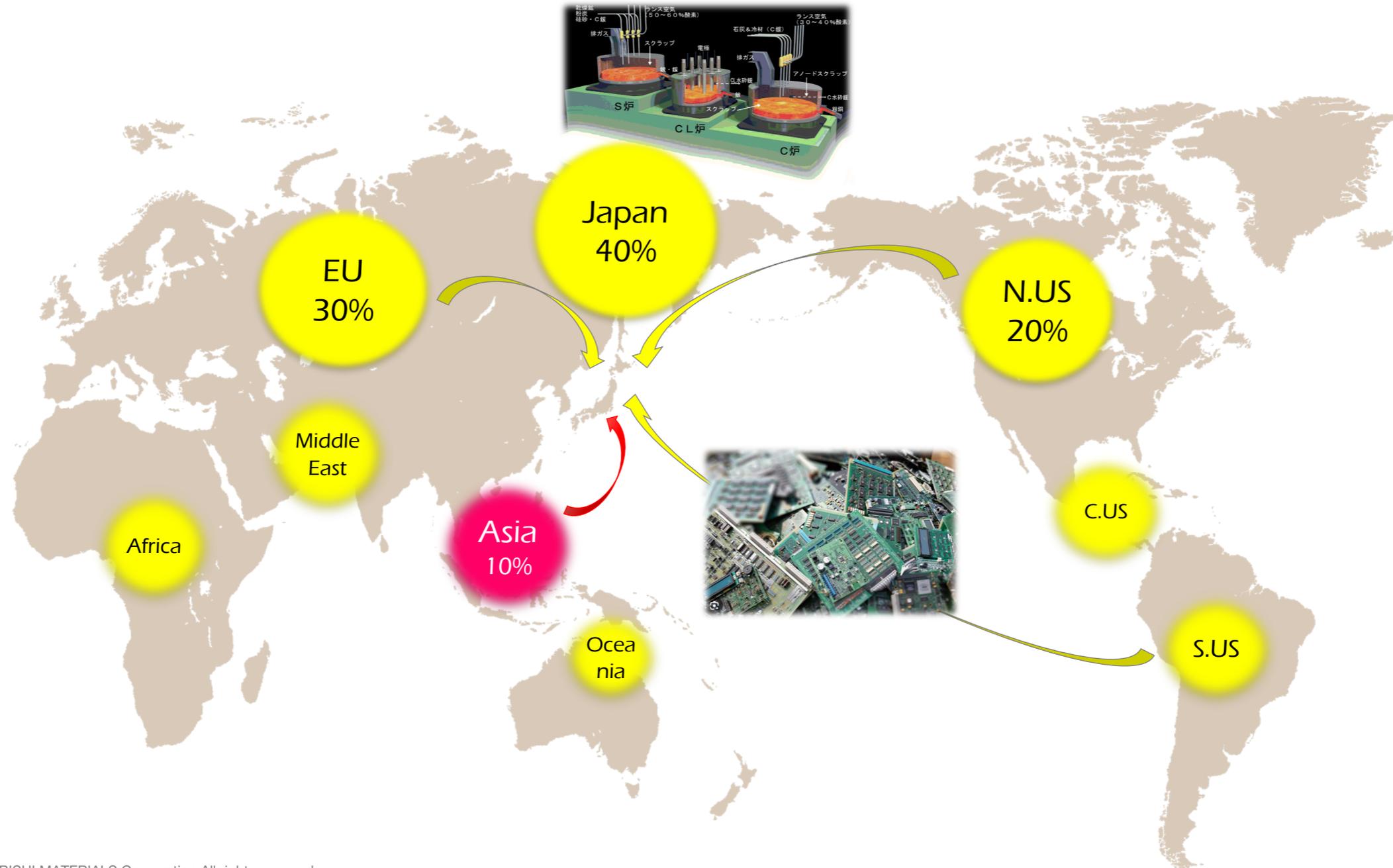


# Smelting & Refining capability

Producing valuable metals from various materials such as E-Scrap



# E-Scrap collection



# Appliance recycling initiatives in ASEAN

In Malaysia, where the business environment is expected to be improved by the legalization of household e-waste recycling, we have already start studying the development of e-waste recycling business through the provision of technology for dismantling and sorting waste home appliances. We utilize our copper smelter in Japan to establish a **resource circulation system between ASEAN and Japan**.

## Our Strength

Technology, know-how and human resources accumulated through 20 years experiences in Japan

We have advanced automation and labor-saving technology development capabilities and operational know-how (crushing and sorting).

→ Increase in resource recovery (reduction of resource losses)

Collaboration with smelter & refinery in Japan

Our smelter is suitable for processing recycled raw materials in which various useful materials coexist, such as PCB, through an eco-friendly smelting and refining process.

## Initiatives

Support for management system establishment

Cooperating as a private sector member in the institutional design efforts being promoted by JICA in cooperation with DOE.

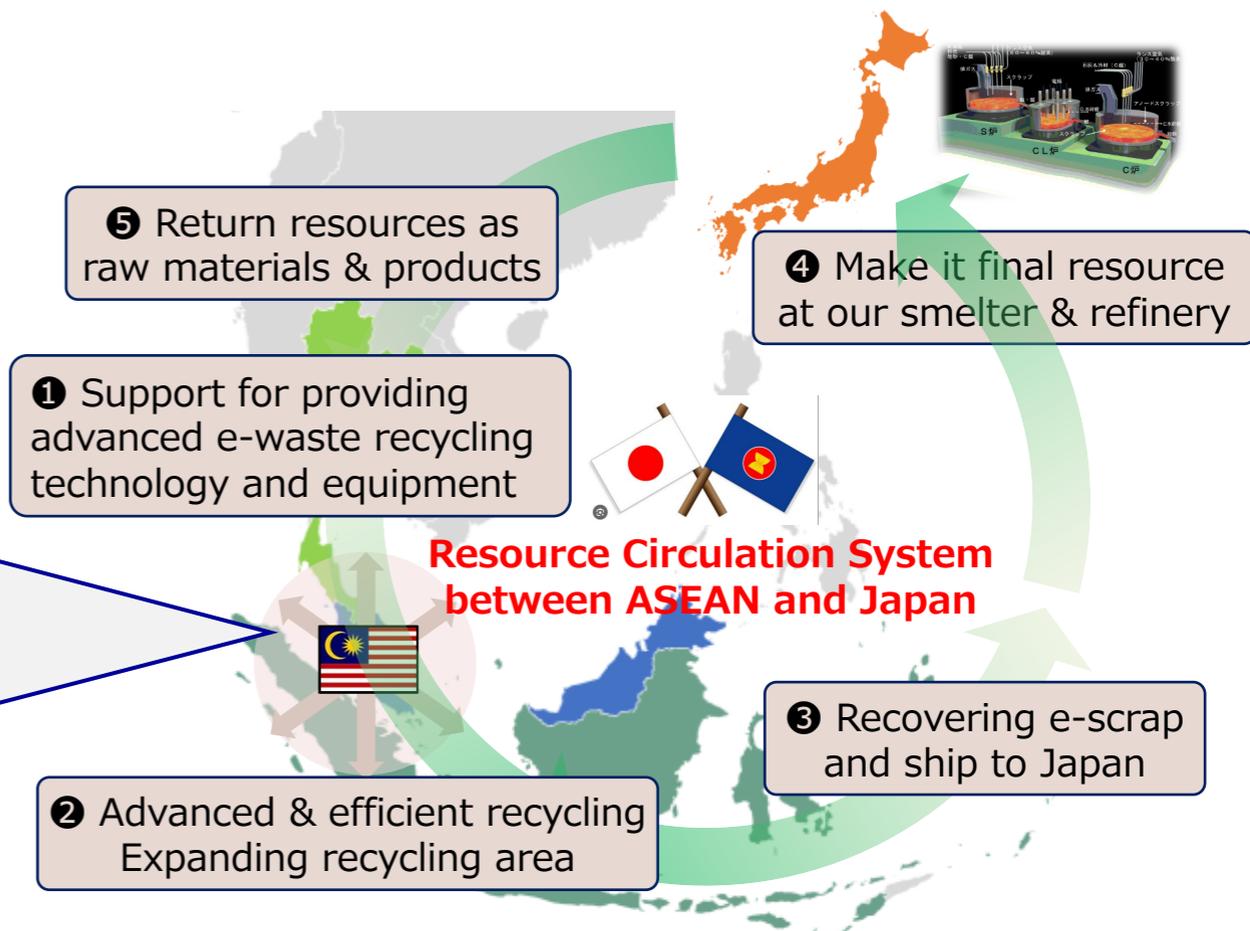
Technical guidance

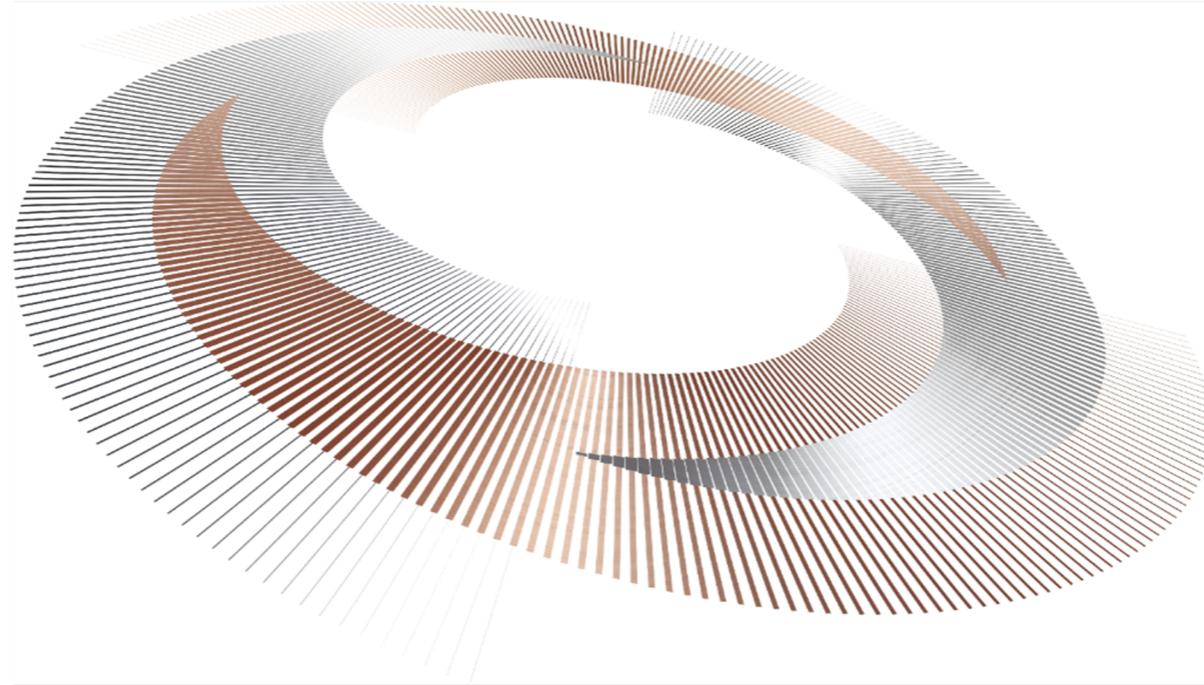
Participating in a technical guidance program for local recyclers promoted by the METI Japan through AOTS.

Feasibility study

Discussions with local partners for commercialization and consideration of equipment to be introduced.

→ The target area is not limited to Malaysia but will be expanded to other countries in Southeast and South Asia.





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