

A large blue circle with a white border is centered on the page. It is partially overlaid by a light blue semi-circular shape that extends from the top and bottom edges of the page.

# Company profile

# Basic information of Hamada Co., Ltd

---

- Name: HAMADA Co., Ltd
  - Establishment: 08/November/1972
  - State Capital: 31.2 million JPY
  - Number of employee: 131
  - Sales: 3.5 billion JPY (2022)
  - Head office: Osaka
- Based in Osaka, Tokyo, Kyoto, Aichi, Fukuoka
- Business operation: Industrial waste management, battery solutions, metal scraps

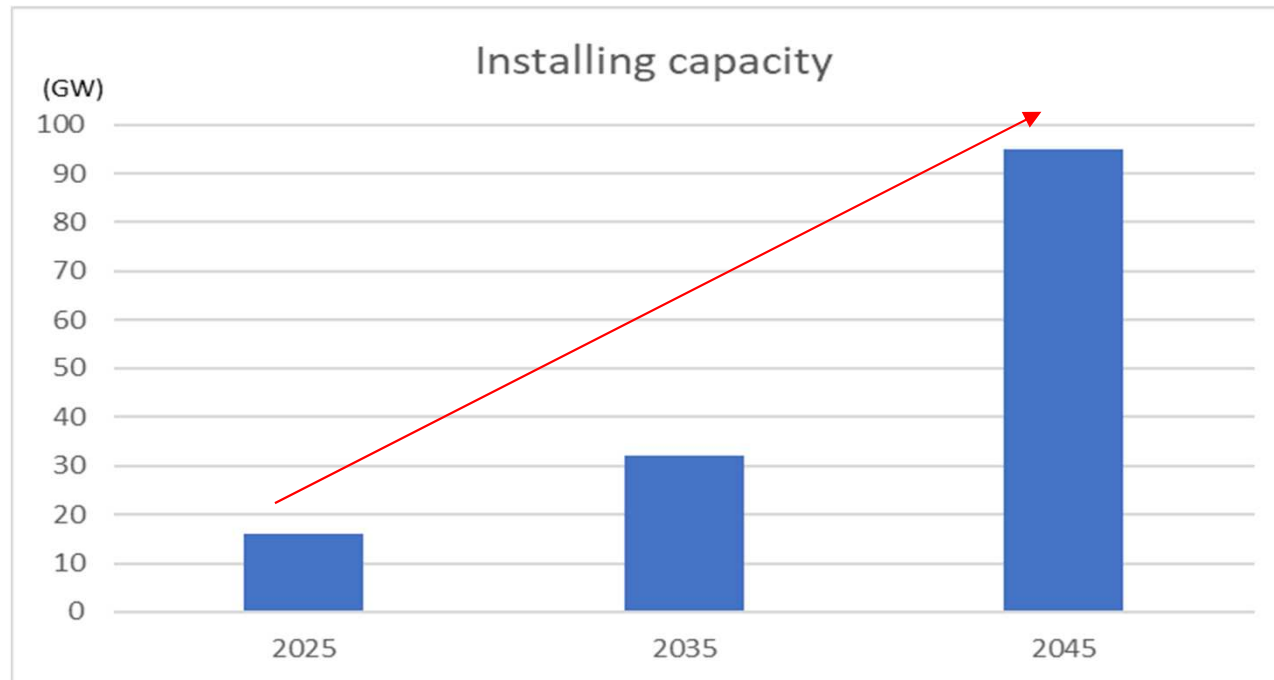




# Solar panel In Vietnam

# Expect large quantity of solar panels disposal


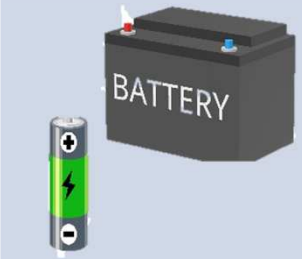




It is assumed that there will be large quantity of solar panels disposal, because it will be installed more panels in the future in Vietnam.



**Number of panels to be disposed of after 2065 is approx. around 380 million panels (assumed to be 250 W/panel)**

# EPR

## Regulation of waste treatment and recycling

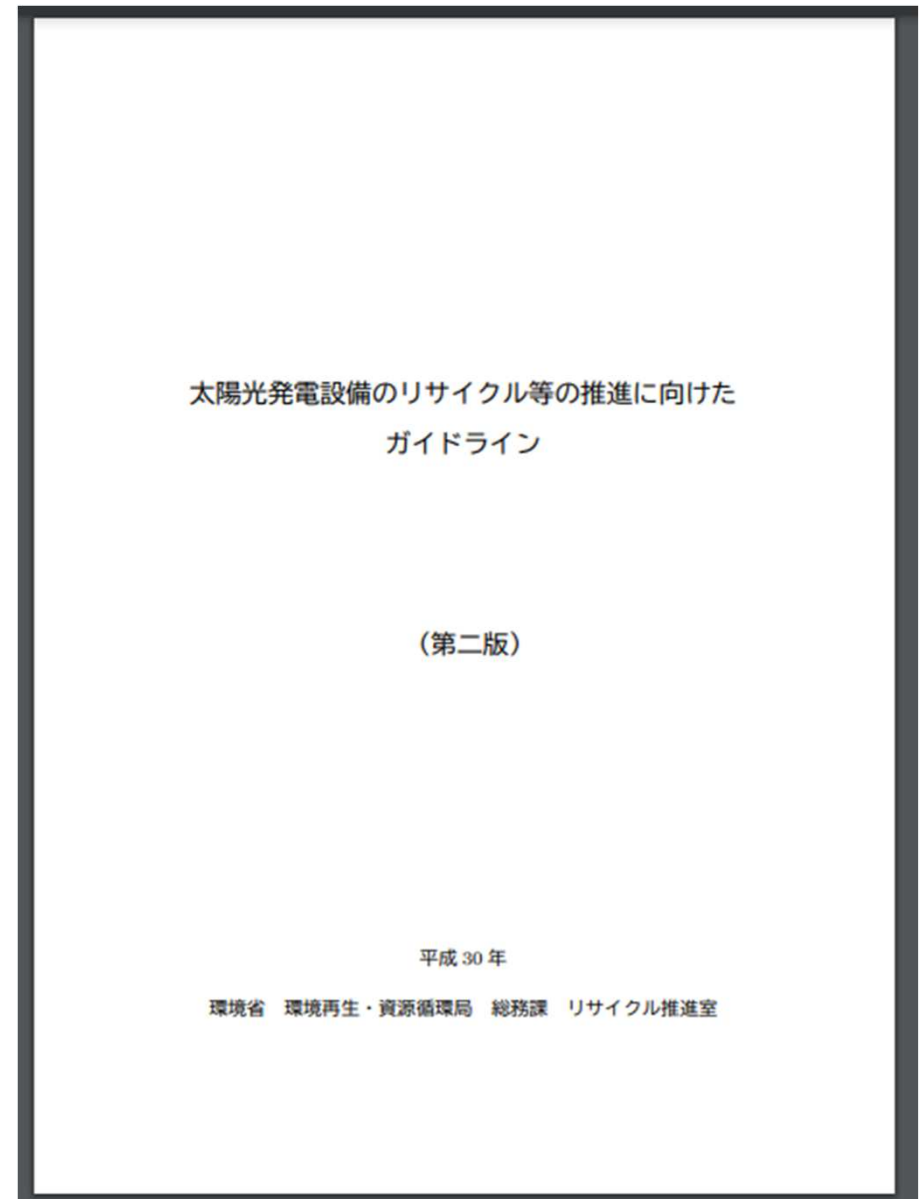
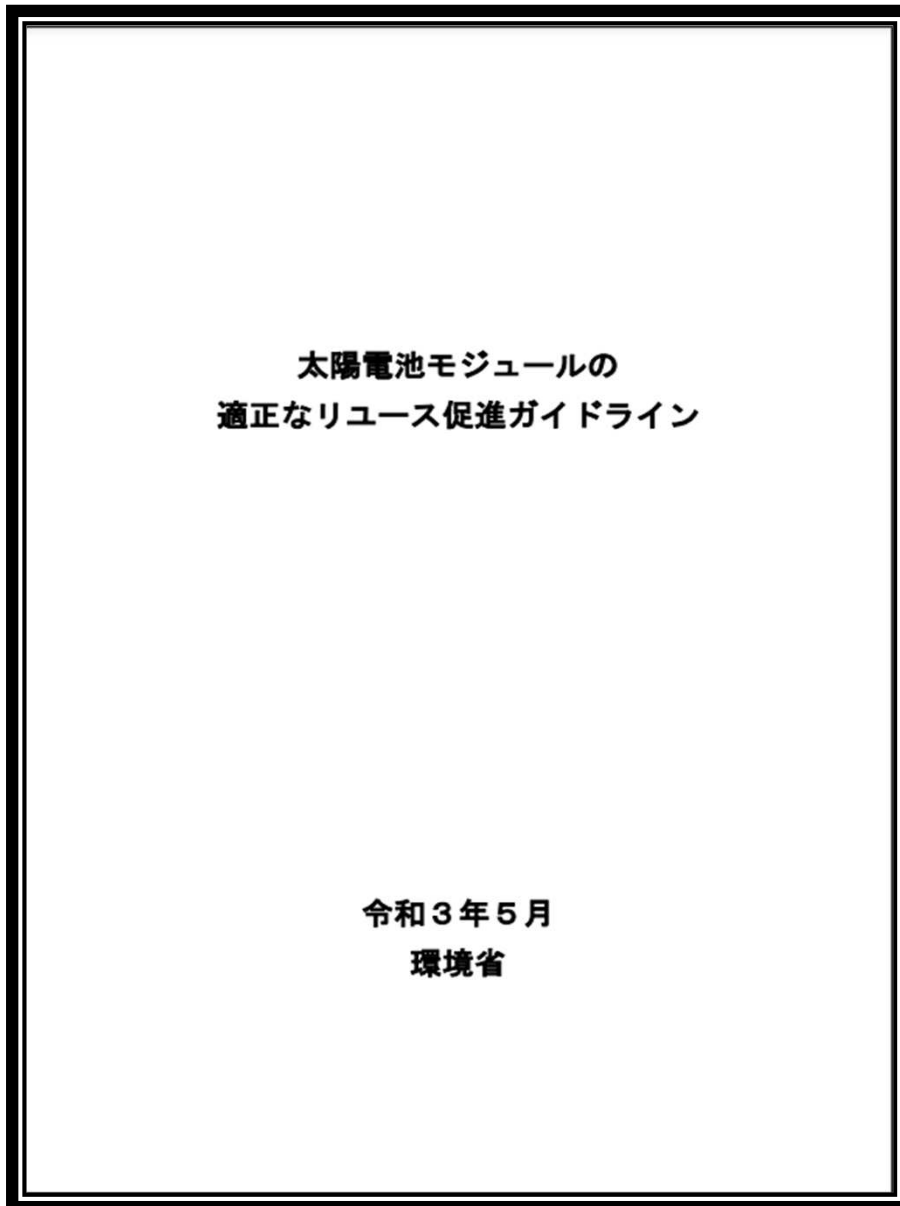
Packing	Batteries, Accumulator	Lubricating oil	Tires	WEEEs	Vehicles
					
Certain packaging	All	All	All	All	All
1/1/2024	1/1/2024	1/1/2024	1/1/2024	1/1/2025	1/1/2027



# Hamada's service

# Used solar panels reuse & recycling guideline

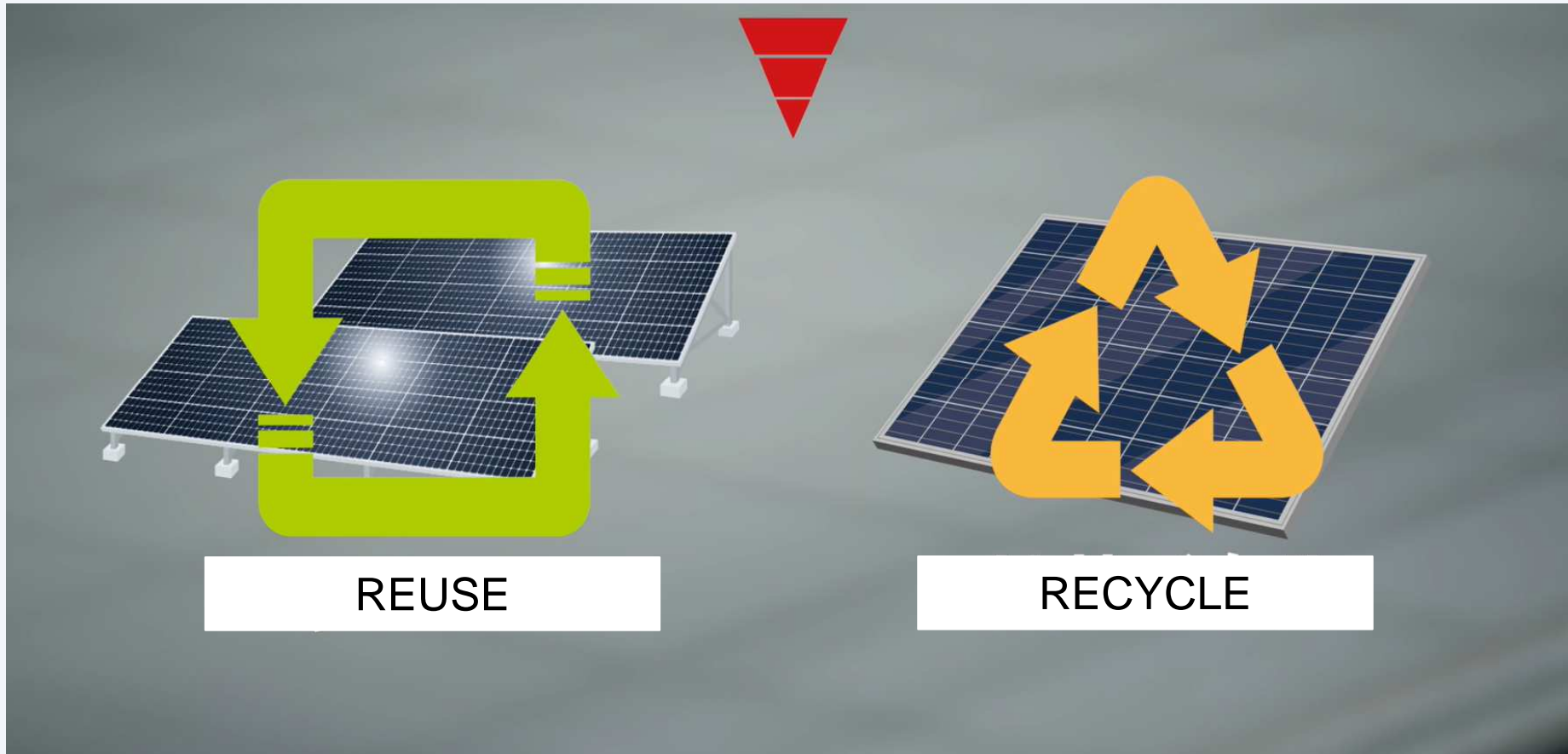
---



# Used solar panels reuse & recycling service

---

## After inspection





# Reuse service

STEP!  
01

## Sorting the panels

Sorting panels by checking cracking, snail, damage the connector and frame.



STEP!  
02

## Packing and shipping

Packing based on guideline to prevent crush



## Reference of NG packing

- (1) Load without any packing
- (2) Damaging even if a panel that generates electricity



# Recycling service

Non-reusable panels are disassembled into individual materials to improve the recycling rate and reduce environmental impact.

