

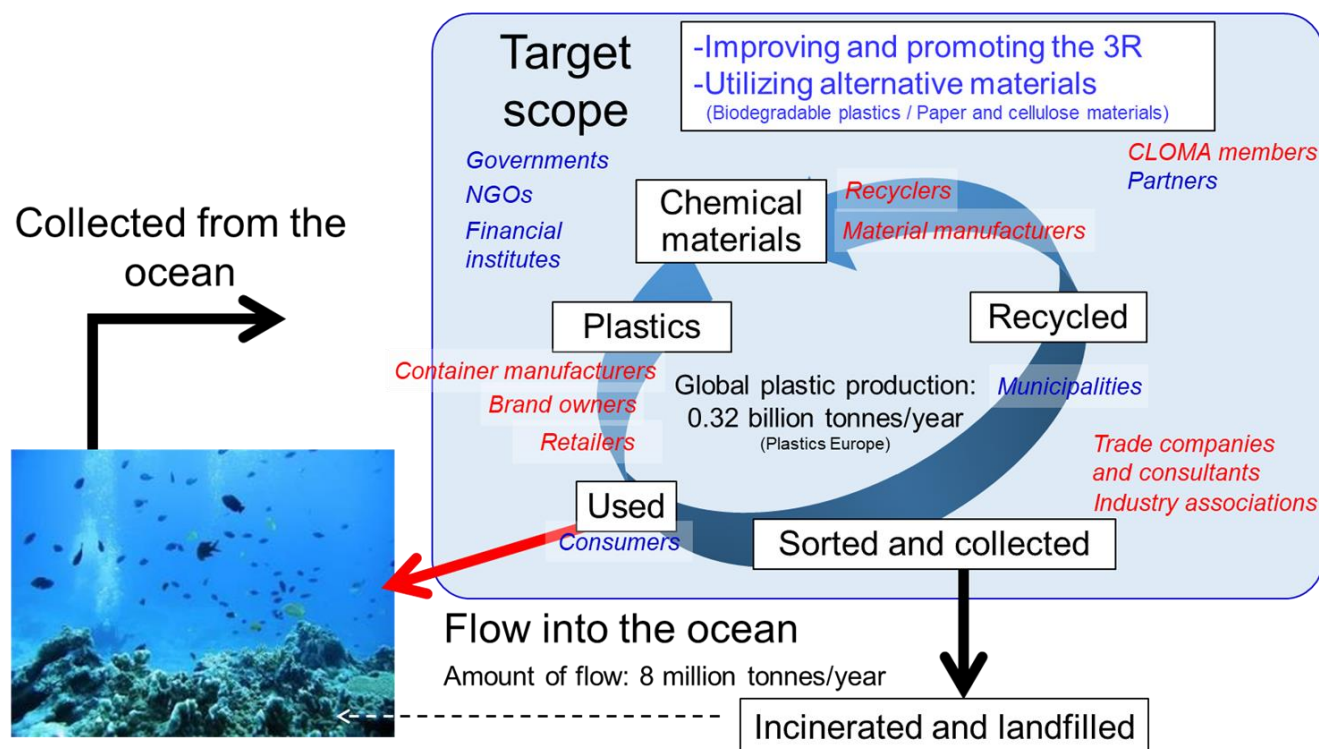
What is CLOMA?



Japan Clean Ocean Material Alliance

Japan Ocean Material Alliance (CLOMA) was established in January 2019, **consisting of companies responsible for consumer product supply chains.**

Leveraging the technology and knowhow accumulated by Japan's industrial community, **CLOMA endeavors to accelerate innovation for the 3R (reduce, reuse and recycle) and alternative materials, and to encourage extensive plastic recycling through public-private partnerships.** In this way, **CLOMA will disseminate its "Japan model," a made-in-Japan solution that aims to reduce marine plastic litter to zero in cooperation with consumers and society.**



Operational Structure of CLOMA



General Assembly

342
companies

Executive Committee

26
companies

Key Action Executive WG

General WG: Kao

WG1: Lion 37 other companies

WG2: Suntory HD 58 other companies

WG3: Sekisui Chemical 33 other companies

WG4: Mitsubishi Chemical 47 other companies

WG5: Nippon Paper Industries 45 other companies

Dissemination & Promotion
WG

Ajinomoto and
104 other companies

Technology WG

Mitsubishi Chemical HD and
92 other companies

International WG

Suntory HD and
47 other companies

The number of companies is that of companies and organizations and overlaps between the WGs and the Key Action Executive WG.

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Key Action 1

Reducing Plastic Consumption

Key Action 2

Improving the Rate of Material Recycling

Key Action 3

Developing and Disseminating Chemical Recycling

Key Action 4

Developing and Disseminating Biodegradable Plastics

Key Action 5

Developing and Disseminating Paper and Cellulose Materials

Cross-Action Theme

Sophisticating the sorting and collection system

	2030	2050
CLOMA ACTION PLAN	60% recycling of containers/packaging*	100% recycling of plastic products**
Key Action 1: Reducing	25% reduction in virgin plastic waste	
Key Action 2: Material Recycling	PET: 100% collection, extensive recycling (100% effective utilization***) Other plastics: 60% recycling -----	Maximum utilization
Key Action 3: Chemical Recycling		
Key Action 4: Biodegradable Plastics	Helping to introduce 2 million tonnes of biomass plastics	
Key Action 5: Paper and Cellulose	0.1 million tonnes of alternative materials to replace plastics	1 m tonnes of alternative materials to replace plastics

Worldwide Dissemination

➤ Disseminate the “Japan model” worldwide as a made-in-Japan solution

Standardization of environmentally-compatible design → Global promotion

- New design standards for “Reduce”

- Design standards for plastic bottles (Consider incorporating into ISO)

- Method to evaluate biodegradability of paper and cellulose materials (Consider incorporating into ISO)



Suntory Group Overview

SUNTORY

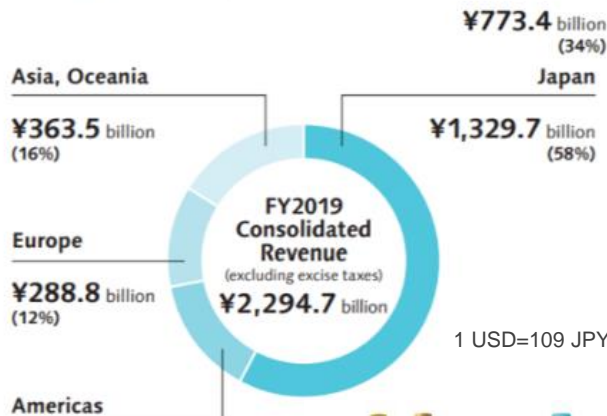
Suntory Group

1899 Founded in Osaka, Japan

Sales by Business Segment



Sales by Area



1 USD=109 JPY



Our Business in South East Asia



Suntory's Aspiration and Actions

SUNTORY

Based on the Suntory Group Plastic Policy, we will aim to switch **all PET bottles used globally** for Suntory products **to be made of recycled or plant-based material by 2030, achieving zero use of virgin petroleum-based materials.**

Recycle & Renewable

- Developing a PET bottle made of 100% plant based materials
- Developing BtoB recycling technologies



- Innovating in technologies to allow for recycling of used plastics

 R PLUS JAPAN



Innovation

Reduce & Replacement

- Light-weighting packaging
 - PET Bottle weight reduction
 - Cap weight reduction
 - Label thickness reduction



New Behavior

- Inspiring behavior change through enlightenment programs and working together with the

