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# NEWS RELEASE

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REFINVERSE Group, Inc.

## **REFINVERSE and ALBION Collaborate to Build a Circular Economy for Cosmetic Packaging**

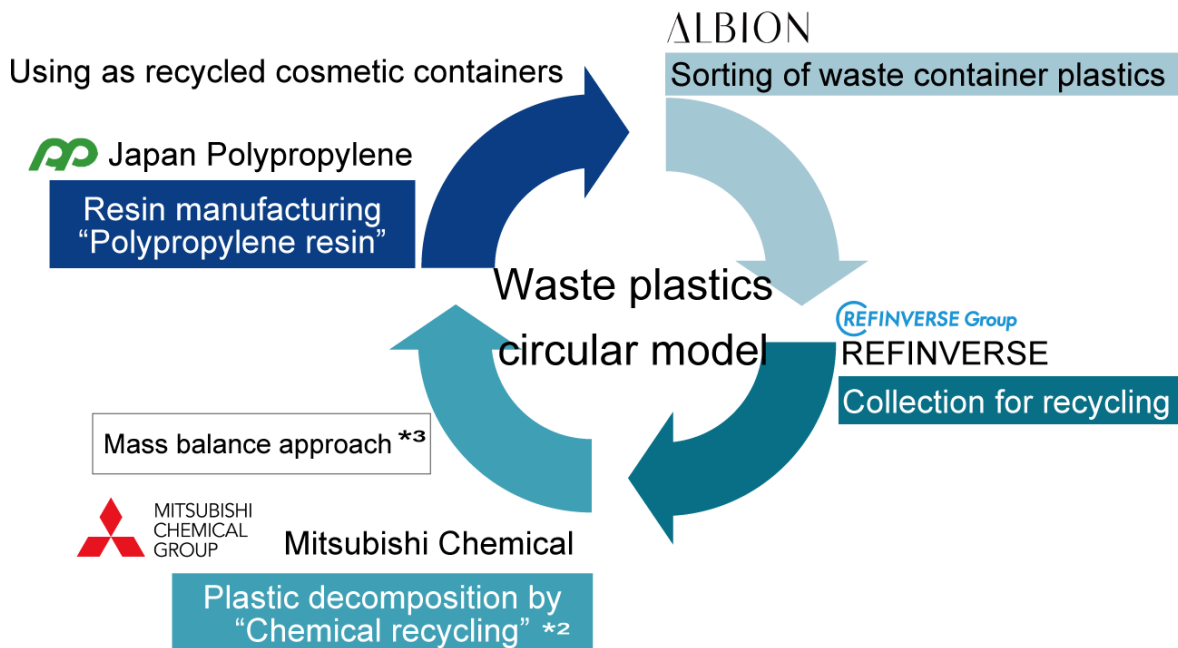
### **Collaboration with Mitsubishi Chemical and Japan Polypropylene to Advance Chemical Recycling of Cosmetic Packaging Materials**

REFINVERSE Group, Inc. (Head Office: Chiyoda-ku, Tokyo; President: Akira Ochi; hereinafter "REFINVERSE") has partnered with ALBION Co., Ltd. (Head Office: Chuo-ku, Tokyo; President: Shoichi Kobayashi; hereinafter "ALBION") to launch a new circular economy project in collaboration with Mitsubishi Chemical Corporation (Head Office: Chiyoda-ku, Tokyo; Presidents: Yasuo Shimodaira & Nobuo Fukuda; hereinafter "Mitsubishi Chemical") and Japan Polypropylene Corporation (Head Office: Chiyoda-ku, Tokyo; President: Kaname Iijima; hereinafter "Japan Polypropylene"). This initiative aims to further expand the development of a sustainable circular economy.

#### **■ Background of the project**

When cosmetic containers are delivered from manufacturers to ALBION, they are packed using plastic cushioning materials to prevent damage and plastic bags to protect against dust contamination. Previously, these packaging plastics were disposed of through thermal recycling\*1.

Under this project, REFINVERSE will collect used packaging plastics from domestic locations and process them to meet quality standards. Through strict quality control, the materials will be recycled and transformed into reusable raw materials. These recovered plastics will then be recycled into oil at Mitsubishi Chemical's newly established chemical recycling facility at its Ibaraki Plant (Kamisu City, Ibaraki Prefecture) and further processed into polypropylene resin. Finally, Japan Polypropylene will manufacture recycled polypropylene resin for new applications.



As part of its Circular Economy Platform Concept, REFINVERSE supports companies working toward circular economy solutions and carbon neutrality. The company has been at the forefront of sustainability for over 20 years, implementing horizontal recycling systems for discarded carpet tiles and repurposing waste materials such as fishing nets and airbags into REAMIDE®, a recycled nylon material. Additionally, in 2023, REFINVERSE developed ReFEZER®, a bio-based material derived from bird feathers.

Through this project, REFINVERSE aims to establish a sustainable circular economy within the cosmetics industry, contributing to the reduction of plastic waste and the realization of a carbon-neutral society. The company will continue expanding its Circular Economy Platform Concept by collaborating with external partners to advance waste recycling and sustainability initiatives.

\*1 A process of recovering thermal energy from waste. The heat recovered from incinerating waste is used for power generation, as well as heating, supplying hot water, heated swimming pools, and district heating systems.

\*2 A recycling method that decomposes plastic waste back to the raw material level, such as monomers. The monomers can be used as secondary raw materials, for producing new plastics.

\*3 A material balance management system in which multiple raw materials (e.g., fossil-based materials and recycled materials) are mixed to manufacture products, and the proportion of sustainable raw material used (i.e., recycled materials) can be allocated to any given products.

**【Press Inquiries】**

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