

REFINVERSE to Launch "Polyolefin Recycling Business" in July to Expand Waste Plastic Recycling Operations

- **New Manufacturing Line to Be Constructed Within the REFINVERSE Innovation Center -**



REFINVERSE Inc. (Headquarters: Chiyoda-ku, Tokyo; President and CEO: Akira Ochi) has been engaged in supplying waste plastic feedstock for both mechanical and chemical recycling applications. To further advance these waste plastic recycling efforts, the Company will launch its "Polyolefin Recycling Business" in July 2026 and establish a new polyolefin recycled material manufacturing line within the REFINVERSE Innovation Center (RIVIC).

■ **Background to the Launch of the Polyolefin Recycling Business**

According to a survey conducted by Japan's Ministry of the Environment, approximately 8.23 million tons of waste plastic are generated annually within Japan.*¹ A significant portion of this waste continues to be directed toward thermal recycling (energy recovery through incineration), with only a small fraction being utilized as recycled feedstock.

In response to these challenges, the REFINVERSE Group has developed collection, sorting, and processing technologies for polyolefin materials — including polyethylene and polypropylene — and has established a technical foundation for converting these materials into usable recycled feedstock. The launch of the "Polyolefin Recycling Business" represents the full-scale commercialization of these accumulated technological capabilities, with the aim of accelerating the expansion of domestic material circulation.

¹ Ministry of the Environment, Japan, "White Paper on the Environment, FY2024 Edition"

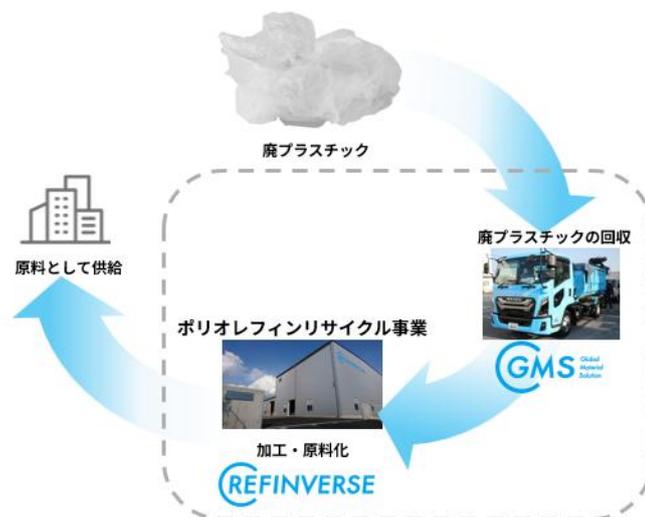
■ About the Polyolefin Recycling Business

The "Polyolefin Recycling Business" will target polyethylene, polypropylene, and other polyolefin materials widely used in packaging and a broad range of other applications, promoting the development of an integrated process from collection through to recycled feedstock production.

The new manufacturing line to be established within RIVIC will enhance sorting precision, perform foreign matter removal and compositional analysis, and process materials into feedstock compatible with both material recycling and chemical recycling applications. The Company aims to achieve revenues of approximately one billion yen by the fiscal year ending June 2028.

By circulating waste plastics generated by businesses as a valuable resource, REFINVERSE aims to support the broader transition away from thermal recycling-centered practices toward higher resource-efficiency recycling methods.

The Company remains committed to contributing to both the reduction of CO₂ emissions and the realization of a circular resource economy.



About REFINVERSE Group

"Connecting wealth to the future through perspectives and technologies unlike any other."

For over 20 years, REFINVERSE Group has been a pioneer in the practical implementation of the circular economy, advancing the recycling and development of a diverse range of materials. By collecting carpet tiles discarded in large volumes from offices and commercial facilities and processing them into the recycled material "Refine Powder" at its own plants, the Group has achieved a closed-loop recycling model that was long considered unattainable within the industry.

The Group also operates a business that recycles discarded fishing nets and end-of-life automotive airbags into high-quality recycled nylon pellets under the brand "REAMIDE." In

addition, the Group is engaged in the development of a broad range of innovative recycled materials, including "ReFEZER," a new bio-based material derived from bird feathers; "REOCA," an asphalt modifier made from recycled automotive interior components; and "RENAMY," a recycled rubber material.

Through these initiatives, REFINVERSE Group creates new value from materials that would otherwise be discarded, working to realize a circular society through the power of business.