

**NEWS RELEASE**

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To All Members of the Press

en Japan Inc.

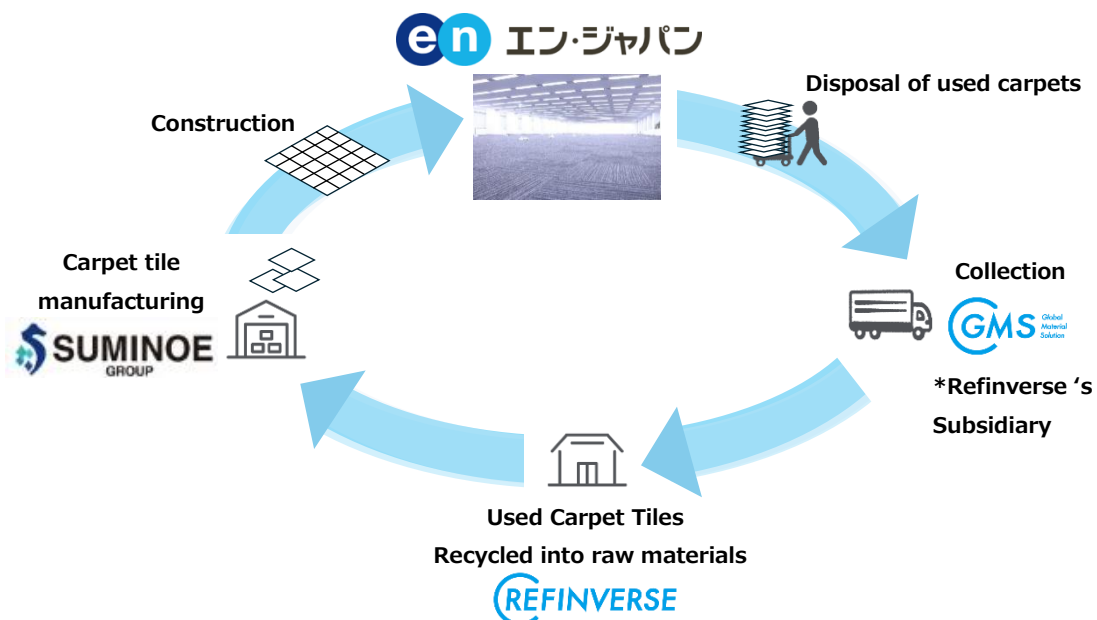
SUMINOE Interior Products Co., Ltd.

Refinverse Group, Inc.

**en Japan Implements Horizontal Recycling of Carpet Tiles in Office  
Expansion Project**

**Three Companies Collaborate: en Japan, SUMINOE Interior  
Products, and Refinverse Group**

en Japan Inc. (Head Office: Shinjuku-ku, Tokyo; Chairman and President: Michikatsu Ochi; hereinafter referred to as "en Japan"), SUMINOE Interior Products Co., Ltd. (Head Office: Nishi-ku, Osaka; President: Norihisa Murase; hereinafter "SUMINOE Interior Products"), and Refinverse Group, Inc. (Head Office: Chiyoda-ku, Tokyo; President: Akira Ochi; hereinafter referred to as "Refinverse") have successfully implemented a horizontal recycling system for carpet tiles in en Japan's newly expanded office, effective April 7, 2025.



Until now, recycling carpet tiles used in office buildings has been extremely challenging. Carpet tiles are constructed from two layers—a resin layer and a

fiber layer—which are difficult to separate and recycle during intermediate waste processing properly. As a result, most used carpet tiles were disposed of via landfill, creating a significant environmental burden. To address this issue, Refinverse developed proprietary technology approximately 20 years ago that efficiently separates and recycles carpet tiles. This technology made it possible to establish horizontal recycling, in which discarded carpet tiles are recycled into "Refine Powder," a recycled material that can be reused in the production of new carpet tiles.

Utilizing Refine Powder, the SUMINOE Group manufactures and distributes horizontally recycled carpet tiles under the brand "ECOS®", thus creating a circular system where products made from recycled materials are returned to the market.



en Japan office expansion (after carpet tile installation)

In the en Japan office expansion project, Refinverse's recycling technology and SUMINOE Group's manufacturing expertise were combined, with the three companies collaborating to implement horizontal recycling. During the expansion, used carpet tiles were collected by GMS, a subsidiary of Refinverse. Refinverse then recycled the collected materials, and SUMINOE Group manufactured recycled carpet tiles under the ECOS® brand using Refine Powder. The recycled carpet tiles were subsequently installed in en Japan's new office space\*<sup>1</sup>. This initiative not only reduces waste and optimizes resource recycling but also contributes to reducing the carbon footprint.

This project demonstrates the potential of carpet tiles as a sustainable



resource model, with broad applicability for future office renovations and building projects. SUMINOE Group and Refinverse will continue working together to develop new resource recycling models and environmentally friendly products. Additionally, by deepening collaboration with environmentally conscious companies like en Japan, the three companies aim to accelerate efforts toward the realization of a sustainable society.

\*1 Please note that not all collected carpet tiles were reused in this specific office expansion project.

### ■ About Refinverse Group, Inc.

For over two decades, Refinverse Group has been committed to the principles of a circular economy. We focus on reclaiming and developing sustainable materials, including Refine Powder, a recycled material for horizontal recycling of carpet tiles, and REAMIDE®, a high-quality nylon pellet recycled from waste fishing nets and car airbags. In 2023, we expanded our efforts by launching a new biomaterial, ReFEZER®, developed from bird feathers.

【Press Inquiries】

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