

## Pentel Co., Ltd. Adopts Plastic-Free Paper Packaging for ENERGel Refills for Europe - Reduces Plastic Usage by About 40% Annually-

Oji Holdings Corporation (President: Hiroyuki Isono, Head Office: Chuo-ku, Tokyo) announces that its paper products have been adopted as the packaging material for refills of Pentel Co., Ltd.'s "ENERGel" gel roller pen (President: Junichi Ishigaki, Head Office: Chuo-ku, Tokyo) for the European market.

Starting in September 2025, all applicable products will be switched from conventional plastic packaging to 100% recyclable paper packaging, and will be gradually rolled out across Europe. By adopting this paper-based packaging, global plastic usage is expected to be reduced by approximately 40% annually. \*1 The selected machine-glazed (MG) bleached kraft paper offers high smoothness and gloss, enabling vivid reproduction of brand logos and product information. Moreover, its ability to combine sustainability with excellent design contributes to enhancing corporate brand value.

Pentel Co., Ltd. currently exports its products to more than 120 countries and regions worldwide. In Europe, the target market for these products, environmental regulations such as the Packaging and Packaging Waste Regulation (PPWR)\*2 are progressing, driving a growing demand for plastic-free and recyclable packaging materials.

The Oji Group has long proposed a wide range of sustainable packaging materials and processing technologies to help customers design environmentally conscious packaging. Moving forward, we remain committed to developing sustainable packaging solutions and innovative wood-derived materials, thereby contributing to a sustainable society.

For more information on Oji Group's sustainable packaging solutions, case studies, and the latest European environmental regulations, please refer to the link below <https://solution.ojiholdings.co.jp/ojipaperpackage/regulation/>

\*1) Based on global shipment volume of ENERGel refill packages in fiscal year 2024, set at 100.

\*2) Packaging and Packaging Waste Regulation (EU regulation aimed at reducing packaging waste and improving recycling rates for packaging materials)



ENERGel refills with paper-based packaging



Comparison of Former and New Packaging

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