GX Acceleration Agency Invests in JEPLAN, Inc.

August 24, 2026
GX Acceleration Agency

GX Acceleration Agency has decided to provide financial support to JEPLAN, Inc., which uses proprietary chemical recycling technology to recycle polyethylene terephthalate (“PET”). This support is expected to contribute to decarbonization by expanding horizontal recycling of diverse PET products, while strengthening Japan’s industrial foundation as strategic investments that enhance resilience against potential crises.

GX Acceleration Agency (GXA) has made an equity investment in JEPLAN, Inc. (“JEPLAN”).

JEPLAN has developed proprietary chemical recycling (“CR”) technology for polyethylene terephthalate (“PET”) that is recognized as a leading technology in Japan and internationally. JEPLAN’s CR technology decomposes used PET bottles down to the molecular level, removes impurities, and enables the production of PET resin of a quality equivalent to petroleum-derived PET resin. Unlike conventional recycling methods, JEPLAN’s technology enables repeated PET-to-PET recycling without quality degradation.

This project supports JEPLAN’s efforts to expand the use of non-food-grade feedstock, including used PET materials unsuitable for conventional material recycling, and to further advance its CR technology. By enabling horizontal recycling across a broader range of PET products, the project is expected to contribute to a stable supply of recycled PET resin, while reducing CO2 emissions through lower petroleum use and less incineration of waste PET.

1. Outline of the company
    1) **Company Name**: JEPLAN, Inc.
    2) **Headquarters**: 12-2 Ogimachi, Kawasaki-ku, Kawasaki City, Kanagawa, Japan
    3) **Representative**: Masaki Takao
    4) **Date of Establishment**: January 16, 2007
    5) **Main Business**: PET chemical recycling technology-related business, etc.

2. Policy Significance in Alignment with GX Policy
    1) CO2 emission reduction
        - In the GX2040 Vision, the Government of Japan positions the resource circularity as a key measure for achieving GX. In addition to reducing emissions from material industries, which account for a large share of industrial emissions, the Government aims to secure stable resource access through more efficient and circular resource use.
        - JEPLAN’s PET resin CR business reduces dependence on petroleum-derived feedstock by regenerating PET resin from used PET bottles and

polyester products.

- In particular, by enabling the circular use of non-food-grade feedstock that is difficult to recycle through conventional material recycling in beverage PET bottles, the business is expected to reduce CO2 emissions through lower petroleum use and reduced incineration of waste PET.

2) Industrial Competitiveness and Economic Growth
   - JEPLAN possesses one of the leading PET resin CR technologies in Japan and internationally. This support aims to further enhance the competitiveness of technology.
   - Demand for recycled materials has been growing rapidly in Japan and internationally, with recycled PET resin seeing expanding use across industries such as beverages and food, consumer goods, and apparel. This project is expected to promote circular resource use in domestic supply chains, while also generating spillover effects for related industries and creating new markets.
   - Furthermore, through overseas expansion and growth of its licensing business, the project is expected to strengthen the international competitiveness of Japanese industry, attracting private GX investment, and support sustainable economic growth.

GXA will continue to actively support companies that accelerate GX projects, aiming to catalyze over 150 trillion yen in investment through strategic public-private partnerships.

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