

  
**ENVIRONMENTAL  
REPORT****Vol. 7**

**Our packages contribute to both customers and society's initiatives in environmental sustainability.**

Recently, social awareness about the environment, such as marine plastic, is intensively spreading. In fact, we have been making attempts in Reduce – Recycle – Reuse activities. We would like to introduce some of our efforts.

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## Fuji Seal Group New Approach to the Future

### R Plus Japan Ltd. - A new joint venture company that will invest in the development of cutting-edge recycling technology for used plastics

Fuji Seal Group is proud to announce the establishment of R Plus Japan Ltd., a new joint venture company that will invest in the development of cutting-edge recycling technology for used plastics. R Plus Japan (CEO: Mr. Tsunehiko Yokoi, Location: Tokyo, Japan) was established in partnership with Fuji Seal, Inc. and 11 other cross-industry partners within the plastics supply chain in June, 2020. This collaboration aims to find effective solutions to address plastics waste issues to create a more sustainable society. Member partners include Suntory MONOZUKURI Expert Ltd., TOYOBO Co. Ltd., Rengo Co. Ltd., Toyo Seikan Group Holdings Ltd., J&T Recycling Corporation, Asahi Group Holdings Ltd., Iwatani Corporation, Dai Nippon Printing Co. Ltd., Toppan Printing Co. Ltd., Hokkaiseican Co. Ltd., and Yoshino Kogyosho Co. Ltd..

Our mission statement is "Each day, with renewed commitment, we create new value through packaging." We are strengthening our ESG initiatives to form a better society and to make the company more sustainable. In particular, we recognize that the environmental problem is an important issue for humanity, and our creativity and efforts should be made to manufacture products with environmental aspects in mind. We aim to contribute positively to the environment and society through our products such as shrink sleeve labels, pressure sensitive labels, spouted pouches, and packaging-related machinery. We are also working to reduce industrial waste, liquidous waste, volatile organic compounds, and greenhouse gases generated during production, thereby suppressing any negative environmental impacts.

Our specific measures to mitigate climate change, resource depletion, and marine plastic issues include: reducing the amount of materials used, designing packaging materials that are easy to separate, using biomass and recycled materials, and developing machinery that reduces energy use. They are all consistent with our policies for "3Rs + Renewable" and CO2 reduction.

We believe it is also important to make our produced packaging materials recyclable for resource circular society. This joint venture is positioned as one of our approaches to prevent resource depletion and protect the diversity and abundance in the land and sea by recycling our waste and used packaging materials from our manufacturing processes.

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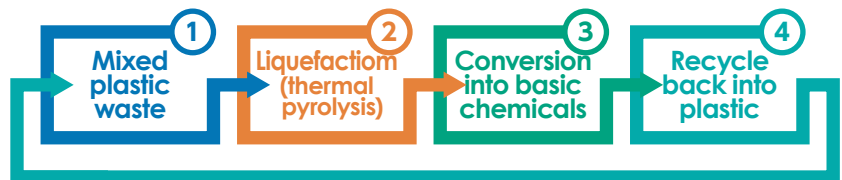
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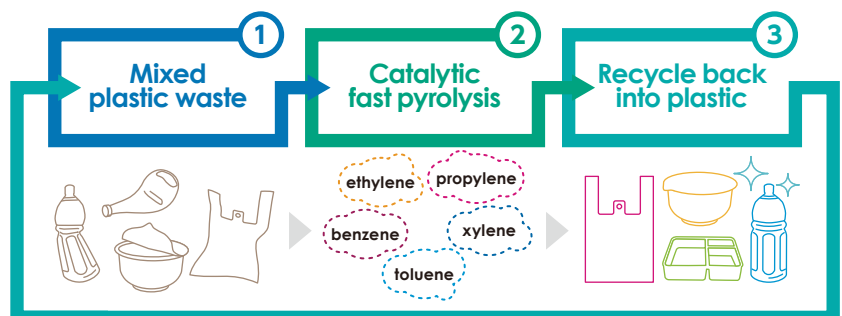
**About the recycling technology of used plastic**

Many plastic packaging materials are unable to be recycled and are instead thrown away after a single use, often landfilled, incinerated\*1, or littered. Unlike the existing multi-step processes which first liquefies plastic waste back into low value "synthetic oil" intermediate products, Anellotech's Plas-TCat chemical recycling\*2 technology uses a one-step thermal-catalytic process. This process converts single-use plastics directly into basic chemicals such as benzene, toluene, xylenes (BTX), ethylene, and propylene, which can then be used to make new plastics. The technology's process efficiency has the potential to significantly reduce CO2 emissions and energy consumption. Once utilized across the industry, this technology will be able to more efficiently recycle single-use plastic, one of the world's most urgent challenges.

Existing technology



New technology



\*1 Including thermal energy recovery

\*2 Chemical recycling is a process by which a polymer is chemically reduced to basic chemicals so that it can eventually be processed and remade into new plastic materials that go on to become new plastic products.



  
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 **R PLUS JAPAN**

With the engagement of various industries throughout the supply chain, from raw materials manufacturers, and packaging suppliers to beverages companies, the newly established R Plus Japan, together with Anellotech, will advance the development and commercialization of this eco-efficient plastic recycling technology by 2027.

**■ Company Profile**

Company name: R Plus Japan, Ltd.

Date of commencement of business: June 2020

Headquarters: 2-3-3, Daiba, Minato-ku, Tokyo, Japan

Representative: Tsunehiko Yokoi (President & CEO)

Business: Expanding development of recycling technology for used plastics