

August 24, 2022

Impact Investment in JEPLAN, INC.

- Contributing to a Sustainable Society through PET Chemical Recycling Technologies -

The Dai-ichi Life Insurance Company, Limited (the “Company”; President and Representative Director: Seiji Inagaki) has invested JPY 500 million in JEPLAN, INC. (“JEPLAN”; CEO & Co-FOUNDER: Masaki Takao), a company that uses proprietary recycling technologies to promote the circulation of PET bottles and other resources. This impact investment¹ is a part of the Company’s ESG investments.

JEPLAN

- JEPLAN is a Japanese start-up that aims to use its proprietary chemical recycling BRING Technology™ to achieve horizontal bottle-to-bottle² recycling of PET bottles, and so promote the circulation of resources.
- JEPLAN’s proprietary recycling technology chemically depolymerizes and removes the impurities from polyethylene terephthalate, the raw material used to make PET bottles and polyester fibers. The technology enables the production of recycled PET of the same quality as petroleum-derived PET, and allows even dirty PET bottles, which have traditionally proven difficult to recycle horizontally, to be recycled with no loss of quality. Going forward, the company is planning to reduce production costs through low-cost material procurement and increased scales of production.
- JEPLAN is the only company in the world to have successfully commercialized a horizontal PET bottle recycling process that utilizes chemical recycling technologies; by expanding the use of its technologies in Japan and overseas, the company expects to contribute both to the growth of environmentally friendly resource circulation, and to the realization of a sustainable society



The stages of recycling PET resin, from the initial PET flakes (far left) to the final PET bottle (far right)



Recycled PET resin

[Social Impact]

Reducing plastic waste and CO₂ emissions

Reducing waste plastic and CO₂ emissions generated by its combustion through the promotion of chemical recycling technologies



¹Impact investment is an investment activity where an investor makes investment decisions with the intent to gain investment returns and generate social impact (e.g., structural change in society).

²Bottle-to-bottle recycling is the process of recycling PET bottles to create new PET bottles

The Company expects enough returns from its investment in JEPLAN; it will also provide financial support for and continually monitor JEPLAN’s initiatives, which it is hoped will have a positive impact on society by reducing both plastic waste and CO₂ emissions.

As a responsible institutional investor, the Company will continue to actively engage in ESG investment to realize a sustainable society as well as to improve its investment returns through sophisticated and diverse investment methods.

Masaki Takao, CEO & Co-FOUNDER of JEPLAN, INC., provided the following comments:



Societies are seeking solutions to climate change and are increasingly adopting circular economies, which enable the coexistence of financial activities and the global environment. Against such a backdrop, we are extremely grateful that you endorse and have decided to invest in our business. At JEPLAN, we have a vision to “BRING everyone into a circular economy.” We are involved in all aspects of the supply chain, and we are working to promote manufacturing that incorporates our proprietary chemical recycling BRING Technology™, and to develop our BRING Technology™ licensing business. Going forward, we intend to dedicate ourselves to accelerating the use of our chemical recycling technologies in resource circulation both in Japan and overseas.

[Company Profile]

Trade Name	JEPLAN, INC.
Head Office	12-2 Ogimachi, Kawasaki-ku, Kawasaki City, Kanagawa
Representative	CEO & Co-FOUNDER Masaki Takao
Established	January 2007
Business Description	Recycling and related businesses of PET bottles and clothing using its PET chemical recycling BRING Technology™; sales of clothing that contain recycled materials

Dai-ichi Life's Impact Investment History (Last 3 years)

Headline	Release Date	URL
Dai-ichi Life to Impact Invest in Modulus Discovery, Inc. - Contributing to Realizing Accessible Healthcare for All by Cutting Development Timelines and Costs of Pharmaceuticals -	May 13, 2020	https://www.dai-ichi-life.co.jp/english/news_release/2020/pdf/index_003.pdf
Impact Investment in Metcela Inc. - Contributing to Extending Healthy Life Expectancy of Patients with Heart Failure through the Development and Provision of a New Treatment -	Jan. 4, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2020/pdf/index_017.pdf
Impact Investment in Sharing Energy Co., Ltd. - Contributing to CO ₂ emission reduction through distributed renewable energy power generation for residential solar power -	Feb. 15, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2020/pdf/index_021.pdf
Impact Investment in GITAI Japan - Contributing to Economic Growth through Promotion of Space Development by Means of R&D for Space Worker Robots -	Mar. 1, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2020/pdf/index_024.pdf
Impact Investment in Noile-Immune Biotech, Inc. - Extending Healthy Life Expectancy through Development and Provision of Next-Generation Cancer Immunotherapy -	Mar. 22, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2020/pdf/index_028.pdf
Investment in Climate Infrastructure Fund for Emerging Countries - Contributing to Resolving Climate Change Challenges Through Joint Public/Private Support for Development of a Low Carbon Economy -	Jul. 8, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2021/pdf/index_003.pdf
Impact Investment in RIVERFIELD Inc. - Contributing to Improving Patients' Quality of Life by Lessening Burden on Mind and Body Through Usage of Surgery Support Robots -	Jul. 30, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2021/pdf/index_005.pdf
Impact Investment in PaMeLa Co., Ltd. - Contributing to Improving Patients' Quality of Life through Development of Medical Device That "Visualizes" Pain Using Brain Waves -	Sep. 29, 2021	https://www.dai-ichi-life.co.jp/english/news_release/2021/pdf/index_008.pdf
Impact Investment in WASSHA Inc. - Contributing to Sustainable Development through Offering an Electric Power Service to Off-Grid Communities in Africa -	June. 10, 2022	https://www.dai-ichi-life.co.jp/english/news_release/2022/pdf/index_004.pdf
Impact Investment in READYFOR INC. - Achieving a Society that Overflows with Heartfelt Support through Vitalization of the Donation and Subsidy Market -	Jul. 13, 2022	https://www.dai-ichi-life.co.jp/english/news_release/2022/pdf/index_005.pdf
Impact Investment in Clean Energy Connect - Accelerating uptake of renewable energy by expanding off-site corporate PPAs -	Aug. 1.2022	https://www.dai-ichi-life.co.jp/english/news_release/2022/pdf/index_006.pdf