

March 10, 2022

KANEKA CORPORATION

Shopping Bags made from KANEKA Biodegradable Polymer Green Planet™  
Simultaneous rollout in all 73 BLUE SKY stores in 25 airports nationwide

JALUX Inc. (Headquarters: Minato-ku, Tokyo; Representative Director & CEO: Masashi Shinohara; hereafter JALUX) will roll out shopping bags from KANEKA Biodegradable Polymer Green Planet™ (Green Planet) developed by Kaneka Corporation (Headquarters: Minato-ku, Tokyo; President: Minoru Tanaka; hereafter Kaneka) simultaneously in all 73 BLUE SKY stores in 25 airports nationwide (operated by JALUX) from the end of April 2022.



BLUE SKY store (example)



Shopping bag

In July 2021, JALUX rolled out the first shopping bags made from Green Planet in Japan in its 4 BLUE SKY stores in Naha Airport\*1. To further accelerate its response to environmental issues, JALUX is expanding the rollout to all 73 of its stores. Kaneka and JALUX, while continuing to strengthen their partnership, will work towards the commercialization and rollout of Green Planet products in airports nationwide and the aviation field.

Green Planet developed by Kaneka is a biomass polymer that is produced by microorganisms using plant oils as primary raw materials. It is eventually decomposed into CO<sub>2</sub> and H<sub>2</sub>O through the digestive process of microorganisms existing in the environment. With its excellent biodegradability in a wide range of environments, Green Planet has been certified as biodegradable in seawater by “OK Biodegradable MARINE”\*\*2. Plastic pollution in the ocean and the ground is a serious international issue. In Japan, the Act on Resource Circulation for

Plastics, slated to go into effect in April of this year, will mandate a reduction in single-use plastics. In addition to being biodegradable, it offers the same functions as ordinary plastic, making it an innovative solution to the problems of environmental harm caused by single use plastics. Kaneka estimates Green Planet could replace roughly 25 million tons of traditional single-use plastic products per year worldwide. Kaneka has decided to significantly increase production capacity to 15,000 tons a year to respond to this sudden increase in demand. (Start of operations: January 2024, Production capacity: combined with the existing plant capacity of 5,000 tons/year, the total production capacity 20,000 tons/year)

\*1. As of June 14th, 2021

Kaneka News Release “KANEKA Biodegradable Polymer Green Planet™” is adopted in shopping bags for JALUX”

<https://www.kaneka.co.jp/en/topics/news/2021/ennr2106141.html>

JALUX News Release “BLUE SKY’ shops at Naha Airport introduces Shopping Bags made from “Kaneka Biodegradable Polymer Green Planet™” for the first time”

<https://www.jalux.com/news/2021/blue-sky-green-planet.html>

\*2. Biodegrades at least 90% in seawater (30°C) within 6 months. The "OK Biodegradable MARINE" certificate was issued to Green Planet™ (formerly called PHBH™) in September 2017 by Vincotte, an international certifying body headquartered in Belgium. TÜV AUSTRIA Belgium NV took over the certification work from Vincotte in December 2017.

<General description of JALUX Inc.>

A trading company with strengths in the aviation and airport fields. In addition to operating BLUE SKY at 25 airports nationwide, JAL Shopping, Japan Airlines’ online shop and JAL Hometown Tax, it deals with a wide range of businesses including equipment related to the environment.

Company Name: JALUX Inc.

Headquarters: Minato-ku, Tokyo

CEO: Masashi Shinohara

Business description: aviation/airports, life services, retail, food and beverages

URL : <https://www.jalux.com/en/profile/>

<General description of KANEKA>

"KANEKA thinks Wellness First." Based on this, we will carve out a rich future by providing solutions to the three crises the world is facing: environment/energy, food and health, from various angles.

Company Name: KANEKA CORPORATION

Headquarters: Minato-ku, Tokyo

CEO: Minoru Tanaka

Business description: Vinyls and Chlor-Alkali, Performance Polymers (MOD), Performance Polymers (MS), Foam & Residential Techs, E & I Technology, PV & Energy management, Performance Fibers, Medical, Pharma & Supplemental Nutrition, Foods&Agris

URL : <https://www.kaneka.co.jp/en/>