November 13, 2026
KANEKA CORPORATION

Kaneka to Showcase Its Future Technologies at GREEN×EXPO 2027
– Signs a Sponsorship Agreement with the City of Yokohama in Support of the "CIRCULAR LINK YOKOHAMA Hub" –

Kaneka Corporation (Headquarters: Minato-ku, Tokyo; President: Kazuhiko Fujii) signed a sponsorship agreement with the City of Yokohama on November 13 in support of the "CIRCULAR LINK YOKOHAMA Hub" (*1), the City of Yokohama's pavilion at GREEN×EXPO 2027 (International Horticultural Expo 2027).

Located in the West GX Village area of the Expo site, "CIRCULAR LINK YOKOHAMA Hub" is based on the concept, "Opening Up Tomorrow's World, Together: Circular City YOKOHAMA." Through its "Future Zone" and "Lifestyle Zone," the pavilion will showcase Yokohama's vision for sustainable, circular living and cities of the future. Kaneka's purpose is "The Dreamology Company — Make your dreams come true —," and the company practices "Life focus management," addressing challenges facing society and the global environment through the power of chemistry. Drawing on the technologies and products it has developed, Kaneka will contribute to the future city that the pavilion envisions through advanced technology exhibits and various events.

In the "Future Zone," Kaneka will showcase range of its future technologies. These includes KANEKA Biodegradable Polymer Green Planet™ (hereinafter "Green Planet") (*2), which contributes to solving the problem of marine microplastics, as well as perovskite tandem solar cells (*3), genome-edited crop varieties (*4), and regenerative medicine and cell therapy (*5). Kaneka will also install the solid type of building-integrated photovoltaic (hereinafter "BIPV") on building's external walls. Through these exhibits, visitors will experience Kaneka technologies that lead to solving a wide range of social challenges, including reducing environmental impact, supplying energy, ensuring a stable food supply, and maintaining and improving health.

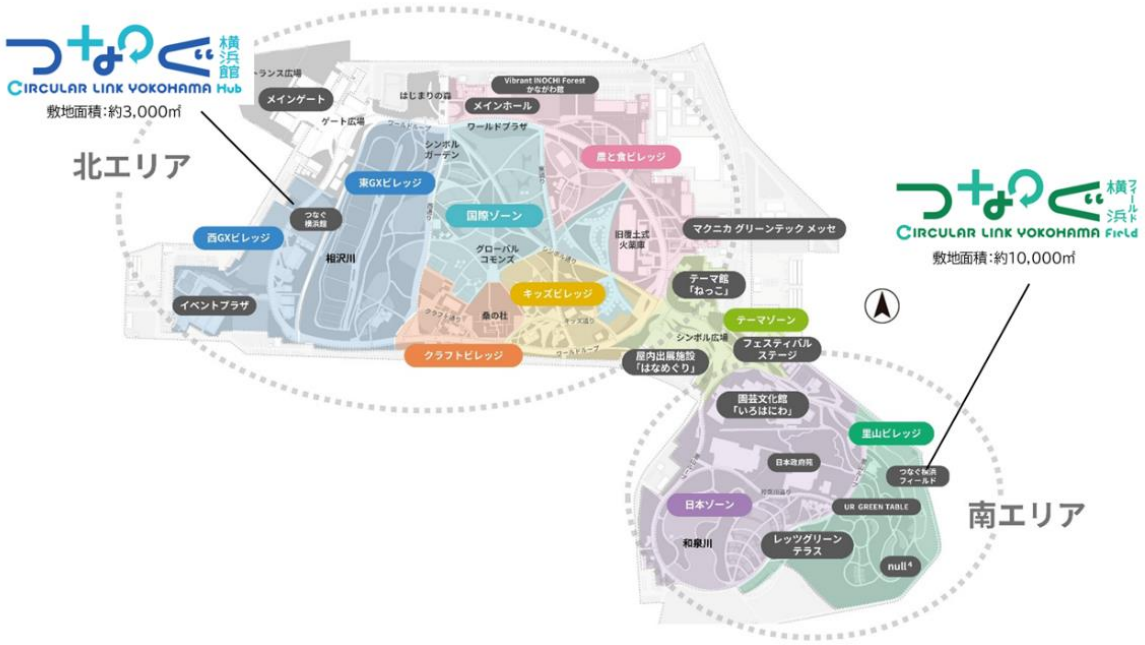
In the "Lifestyle Zone," perovskite tandem solar cells and the see-through type of BIPV will be installed on a part of building's windows. In addition, biomass-derived biodegradable artificial turf made with Green Planet will be installed around the water play area on the pavilion grounds, presenting the circular future city that Yokohama aims to achieve.

Furthermore, Kaneka will hold two hands-on events for limited periods during the Expo. At the event themed on Green Planet, participants can learn about plastic waste problems and the

connection between our daily lives and the global environment through an environmental lesson and a craft workshop. At another event theme on organic circular dairy farming (*6), participants can deepen their understanding of sustainable, dairy farming that is friendly to people, cows, and the environment through a VR experience.

Based on our mission of KANEKA thinks “Wellness First,” Kaneka works to solve challenges in the areas of “environment and energy,” “food,” and “wellness.” Going forward, Kaneka will continue to contribute to circular future lifestyles and community development through the creation of new solutions.

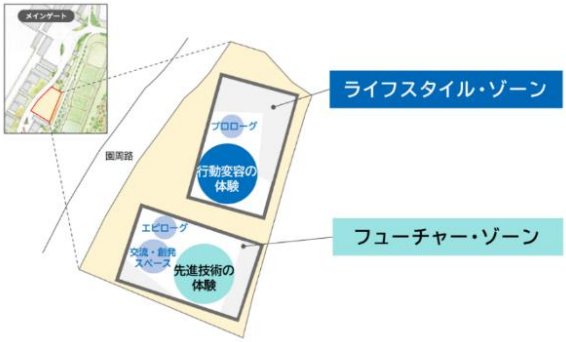
(*1) CIRCULAR LINK YOKOHAMA Hub, the City of Yokohama's pavilion. (https://yokohama-hub.city.yokohama.lg.jp/)
(*2) Green Planet is a 100% biomass-derived biodegradable polymer developed by Kaneka based on our desire to provide environmentally friendly solutions that do not depend on petroleum resources. Due to its biodegradability into CO2 and water by microorganisms living in soil and seawater, it can contribute to solving the problem of marine plastic pollution. Through research and development, its applications are expanding to straws, cutlery, shopping bags, artificial turf, and more.
(*3) Kaneka's perovskite tandem solar cells combine a perovskite top cell with heterojunction crystalline silicon solar cell as the bottom cell. By enabling each layer to absorb different wavelengths of sunlight, this next-generation solar cell delivers higher conversion efficiency than conventional crystalline silicon solar cells while maintaining high durability. Kaneka is conducting demonstrations and other activities toward commercialization.
(*4) Genome editing is a technology that modifies a crop's own genes with high precision. Using this technology, Kaneka is developing crop varieties with beneficial agronomic traits such as high yields and disease resistance.
(*5) A form of medicine that uses the abilities and functions of cells for treatment. Using cells derived from the amnion and iPS cells, Kaneka is developing new treatments for diseases and injuries that have been difficult to treat.
(*6) Sustainable dairy farming that is friendly to people, cows, and the environment. This is realized through efforts such as reducing labor on the dairy farm, reducing cow stress, reusing manure, and solar power generation. (https://www.rakunovation.com/)



Map of the GREEN×EXPO 2027 site
(Picture provided by the City of Yokohama)



Exterior rendering of CIRCULAR LINK YOKOHAMA Hub
(Picture provided by the City of Yokohama)



Zone layout of CIRCULAR LINK YOKOHAMA Hub
(Picture provided by the City of Yokohama)