

March 30, 2023

KANEKA CORPORATION

Tokyo's "Renewable Energy Visualization Model Project for Tokyo-Owned Facilities (Building-integrated Photovoltaic Power Generation Equipment)" starts operation

— Promoting usage of "T-Green Multi Solar" —

Kaneka Corporation (Headquarters: Minato-ku, Tokyo; President: Minoru Tanaka) and Taisei Corporation (Headquarters: Shinjuku-ku, Tokyo; President: Yoshiro Aikawa), in collaboration with the Tokyo Bureau of Environment, will start power generation in April 2023 under the "Renewable Energy Visualization Model Project for Tokyo-owned Facilities (Building-integrated Photovoltaic [BIPV] Power Generation Equipment*1).

This project aims to promote the use of renewable energy technology (BIPV Power Generation System), which is in the early stages of diffusion, in private facilities by installing it in Tokyo-owned facilities and making it "visible". This time, we are using T-Green Multi Solar, a building-integrated photovoltaic power generation system, which was jointly developed by Kaneka and Taisei Corporation, and selected through a public contest.

The equipment that will start generating electricity is as follows.

1. Project name

Renewable Energy Visualization Model Project for Tokyo-Owned Facilities (BIPV Power Generation Equipment)

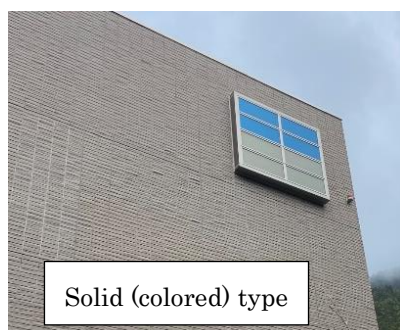
2. Project Overview*2

(1) Installation status

a. Tokyo Big Sight (Tokyo International Exhibition Center)



b. Water and Green Museum (Okutama Mizu-to-Midori-no-Fureaikan)



(2) Overview of BIPV Power Generation Equipment

a. Tokyo Big Sight (Tokyo International Exhibition Center)

Panel Type	Length × Width × pcs. (Measurement unit: mm)	Total Generating Power (kW)
Fence rail (Solid type)	942 × 756 × 6 pcs.	0.58
Fence rail (See-through type)	942 × 756 × 3 pcs.	0.10

b. Water and Green Museum (Okutama Mizu-to-Midori-no-Fureaikan)

Panel Type	Length × Width × pcs. (Measurement unit: mm)	Total Generating Power (kW)
Window (See-through type)	1270 × 1170 × 2 pcs.	0.08
Wall (Solid colored type)	400 × 998 × 8 pcs.	0.31

(3) Project implementer

Taisei Corporation (Representative operator) and Kaneka Corporation (Joint operator)

3. Project period

From September 2022 to the end of March 2027 (plan)

In the future, together with Taisei Corporation, we will contribute to the realization of a decarbonized society by 2050 through the promotion of renewable energy technologies such as T-Green Multi Solar.

*1. Building-integrated Photovoltaics Power Generation Equipment

Power generation equipment using photovoltaic panels that are integrated with building materials such as windows and exterior walls, or that can be integrated by attaching them to

building materials.

*2. Project overview

For more information, please visit the following special website of the Tokyo Metropolitan Government.

<https://bipv-re-mieruka.jp/>

QR Code:



“T-Green” is a registered trademark of Taisei Corporation.