

## Contributing to the Achievement of Carbon Neutrality through

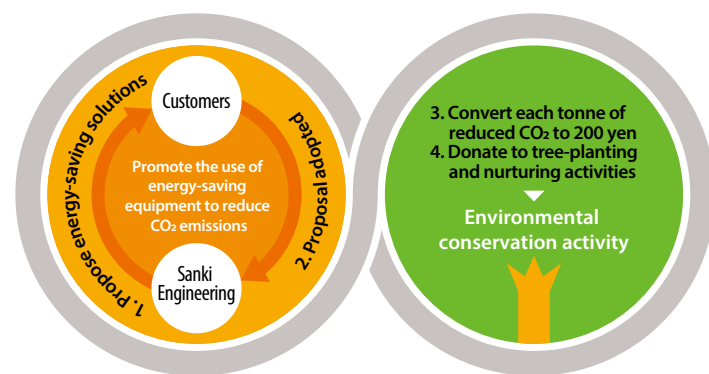
## the SANKI YOU Eco Contribution Point System

The Sanki Engineering Group remains committed to contributing to a carbon-free society as one of its materiality (key issues) and is working to achieve carbon neutrality by 2050 by reducing CO<sub>2</sub> emissions in all areas of its business operations, including its supply chain. As a company with technologies that advance decarbonization through total engineering, we are promoting energy conservation and energy creation proposals to our customers. In fiscal 2010, we launched the SANKI YOU Eco Contribution Point system, which converts the reductions in CO<sub>2</sub> emissions that customers have achieved based on our proposals into points as a means of supporting environmental conservation activities. This unique initiative helps to reduce customer CO<sub>2</sub> emissions and protect the environment.

Special Feature  
01



### SANKI YOU Eco Contribution Point System



The logo of the SANKI YOU Eco Contribution Point system expresses our aspiration to contribute to social development and create harmony with the natural environment.  
ECO2: We reduce CO<sub>2</sub> emissions through our contribution to ecology.

- Propose energy-saving solutions**  
We actively propose energy-saving solutions that help customers reduce their CO<sub>2</sub> emissions in projects handled by Sanki Engineering, such as the construction of facilities.
- Proposal adopted**  
When a customer adopts one of our energy-saving solutions for a facility, SANKI YOU Eco Contribution Points are issued according to the level of CO<sub>2</sub> reductions achieved by implementing it.
- Convert each tonne of reduced CO<sub>2</sub> to 200 yen**  
SANKI YOU Eco Contribution Points are converted to 200 yen per tonne of CO<sub>2</sub> reduction and donated to support environmental conservation activities.
- Donate to environmental conservation activities**  
We cooperate with environmental conservation groups and other concerned organizations to support tree-planting projects around Japan and promote conservation of biodiversity.



## Sanki Engineering Group's Technologies Contribute to Realizing a Carbon-Free Society

Sanki Engineering constructs systems and facilities, including HVAC for buildings, industrial HVAC, water treatment plants, waste treatment facilities, and conveyors and conveyance systems, which use electricity and other forms of energy to operate. Since many of these also operate over long periods of time, energy-saving measures and the installation of energy-generating equipment will significantly reduce CO<sub>2</sub> emissions while also affording considerable cost advantages.

### Energy-Saving HVAC Technology for Industrial Clean Rooms

The DOUP® energy-saving HVAC system for industrial clean rooms provides specifically designed air conditioning methods for the operation area, which requires high levels of cleanliness, and the maintenance area, subject to high temperatures generated by production equipment. The system improves the performance of the heat source equipment by efficiently processing heat and contributes to reducing the power required for the cold heat source by approximately 10% per year compared to conventional clean rooms.



### ESCO Projects for Large-Scale Energy-Saving Renovation

We recommended ESCO financing, through which expenses for energy-saving renovations are covered by the reduction in utility costs, for large-scale projects such as educational and medical facilities. In the case of Gunma University's Showa Campus, the university, the current administrator, and the ESCO enterprises will work together to improve the operation of existing facilities, which is expected to have a significant energy-saving effect.



Gunma University Showa Campus



### Decarbonization Using Woody Biomass Gasification Power Generation and Biogas Power Generation

Woody biomass gasification power generation facilities, which use gasified woody biomass, can generate power with higher efficiency and stability than other renewable energy power generation options. Biogas power generation facilities use organic waste such as sewage sludge and raw garbage to generate power. We contribute to the realization of a carbon-free society by providing these types of facilities.



Woody biomass gasification plant

### AEROWING Significantly Contributes to Saving Energy at Sewage Treatment Facilities

Sewage treatment facilities require enormous amounts of energy, and technologies are being introduced to reduce power consumption at each stage of the sewage treatment process. The AEROWING aeration system requires less air to decompose and purify sewage contaminants through the diffusion of ultrafine bubbles, thereby achieving significant energy savings.



AEROWING



Ms. Atsuko Suzuki  
Chairperson, Certified NPO  
Environmental Relations

## VOICE

### Contributing as a Partner to the Global Environment through Reforestation

The Present Tree project was launched in 2005 to collect donations for planting trees in places where new or revived forestlands are needed. This includes forests recovering from disasters, former development sites, and open fields scattered across Japan in areas where few people are available to take responsibility for forest care due to an aging and declining population. We began collaborating with Sanki Engineering as our Present Tree reforestation partner since my participation in its environmental seminar and the creation of the SANKI YOU Eco Contribution Point system.

Beyond donating money through SANKI YOU Contribution Points, Sanki Engineering also organizes annual events in which its own employees participate in reforestation, and we recognize it as one of the few companies that is actively involved in both planting and nurturing trees. While Sanki Engineering serves society by providing technologies and services that contribute to decarbonization, I also hope its proactive approach to environmental conservation will spread throughout society and further expand the network for carbon neutrality.