

It has been 45 years since our founding. The journey of the Daiei Kankyo Group has been a continuous effort to build bonds with local communities and seize new possibilities. Initially facing strong opposition to the construction of a final disposal site, the Company started operations by gaining the understanding and support of the local community. With the concept that “waste is a recyclable resource,” the Group quickly ventured into the recycling business, in addition to waste management, and devoted efforts to disaster waste management when the Great Hanshin-Awaji Earthquake occurred.

Adopting the management philosophy of creation, innovation, and meeting challenges, the Group shifted toward becoming a company with the power to create better environments, rolling out a number of different environmental-related businesses. The Group also began aiming to construct a so-called “Local Circular Ecological Sphere,” focusing on local energy production and consumption centered around waste management facilities. In 2022, the Company was listed on the Tokyo Stock Exchange (TSE) Prime Market. Nowadays, the Group collaborates with industry, government, and academia, including municipalities, local companies, and universities, to create a circular economy and develop technological innovations for the advancement of resource recycling. The Daiei Kankyo Group has been tackling environmental, social, and economic issues that are difficult to resolve by a single company, and is working together with its partners toward a sustainable future.

#### No. of municipalities we worked with<sup>\*1</sup>

In FY2015/3

In FY2024/3

197 → 467

#### No. of disaster cooperation agreements signed

As of March 31,  
2018As of March 31,  
2024

15 → 176

#### No. of Local Circular Ecological Spheres established through PPP

As of October 31,  
2021As of March 31,  
2024

2 → 3

<sup>\*1</sup> The number of municipalities includes prefectures and Tokyo's 23 wards, and for wide-area associations, each of the constituent municipalities of the wide-area associations is counted as one municipality.

### 2013

Proposed and won contract for cooperation among five companies for the development and operation of a general waste management facility in Omihachiman City, Shiga

We were contracted to develop and operate a local energy center using the DBO method.<sup>\*2</sup> The proposal was made jointly by Mie Chuo Kaihatsu Co., Ltd. (a Group company), Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd., Akimura & Partners, and Kyokuto Kaihatsu Kogyo Co., Ltd., and became the first case in Japan where a waste management company served as the representative company.



### 2014

Built a food recycling loop with the Aeon Group

Food waste from Aeon Group stores is converted into compost and used at farms directly managed by Aeon. We achieved a recycling loop in which the vegetables grown are sold in the stores.

### 2020

Established a food waste biogas power company in collaboration with a plant manufacturer

We established Re-enermie Co., Ltd., which operates a biogas power generation business, in Iga City, Mie, in collaboration with Kobelco Eco-Solutions Co., Ltd. The facility has been in operation since March 2023, fueled by methane gas derived from food biomass produced by Daiei Kankyo Co., Ltd.



## Daiei Kankyo Group's History

- 1979 Daiei Kankyo Co., Ltd. was established in Izumi City, Osaka
- 1980 Opened controlled final disposal site in Izumi City, Osaka
- 1986 Opened Nishinomiya Recycle Center, which has a refuse-derived fuel (RDF) facility
- 1995 Worked hard to dispose of disaster waste after the Great Hanshin-Awaji Earthquake  
Devoted all our knowledge and skills to recovery, which is our first priority over profitability with a sole focus on saving lives
- 1997 Formulated our first management plan to ensure stable operations
- 2001 Izumi Recycling Environmental Park opened on the site of former final disposal site
- 2013 Opened Mie Energy Plaza, a waste management and recycling facility, which uses the energy generated during waste management for power generation and heating

Equipped with an incinerator, roaster, and carbonizing furnace, to supply heat to the region



Disaster waste management

<sup>\*2</sup> Design, build, and operate (DBO) method: A procurement method in which the private sector is appointed to design, build, and operate a facility that is financed by a municipality.

### Since 2021

Signed a public-private partnership agreement with local municipalities to support social infrastructure

We are promoting public-private partnerships (PPP) to centralize regional waste management, efficiently converting waste into resources and energy to return to local communities. Currently, we have agreements with three municipalities and are preparing for the construction of recycle centers and energy centers.

### 2023

Conducted demonstration experiments of next-generation garbage collection system jointly developed with a university

Daiei Kankyo Research Institute Co., Ltd., a consolidated subsidiary, has developed an autonomous mobility system for transporting various items, including garbage, and smart garbage bins through joint research with Waseda University. Demonstration experiments were conducted for a next-generation garbage collection system to address social issues such as the shortage of sanitation workers and the spread of infections.



2023

Signed a cooperative agreement on pursuing establishment of recycling-oriented society

After the Plastic Resource Circulation Act, came into effect in April 2022, Daiei Kankyo Co., Ltd. signed agreements with Kishiwada City, Osaka, in April 2023, and Hashima City, Gifu, in March 2024, for the purpose of working together in conducting surveys, research, and projects regarding waste initiatives for waste reduction and recycling. We will continuously strive to create a recycling-oriented society with less impact on the environment.

### 2024

Completed demonstration experiment to create gas from waste plastic and synthesize methanol

To contribute to carbon neutrality by utilizing various hard-to-recycle plastics, we initiated Japan's first project in 2022 with the cooperation of Osaka Prefecture and Sakai City. The project has been promoted in collaboration with Kobelco Eco-Solutions Co., Ltd., Mitsubishi Gas Chemical Company, Inc., Mitsubishi Kakoki Kaisha, Ltd., and our consolidated subsidiary, DINS Kansai Co., Ltd. Supported by the Ministry of the Environment, the demonstration experiment was completed in March 2024, and we continue to work on independent validation for commercialization.



### 2024

Launched iCEP PLASTICS, a total recycling coordination service

Yagikuma Co., Ltd., UNIADDEX, Ltd., Resource Circulation Systems Co., Ltd., which is our consolidated subsidiary, and Daiei Kankyo Co., Ltd. began offering a one-stop service providing solutions ranging from waste plastic collection, recycling to resin, molding, and product manufacturing by leveraging each company's strengths to promote "artery-vein" collaboration in waste plastic management.



<https://icep-plastics.rcs-dx.jp/>  
(in Japanese only)

2014 Started solar power generation business using former final disposal site

2016 Acquired General Agriculture & Forestry Co., Ltd. as a subsidiary  
Entered forest management business

2020 Established Plafactory Co., Ltd., which manufactures plastic pallets

2021 Concluded agreement with communities in five towns in Kamimashiki, Kumamoto, and elsewhere to promote Local Circular Ecological Spheres

2022 Opened methane fermentation facility and composting facility in Iga City, Mie

2022 Listed on the TSE Prime Market on December 14

The opening price was ¥1,710, 27% above the initial public offering (IPO) price of ¥1,350, and the closing price was ¥1,796.



2024 Transitioned to a company with an audit and supervisory committee

