

Daiei Kankyo Group

Non-financial Data Compilation

(Fiscal year ended March 31, 2024)

Scope of the report

Daiei Kankyo Co., Ltd. and consolidated subsidiaries (as of March 31, 2024)

Any material outside of this scope is clearly indicated as such

Daiei Kankyo Group

Scope

Daiei Kankyo Co., Ltd.

Consolidated subsidiaries

Mie Chuo Kaihatsu Co., Ltd.	Daiei Amet Co., Ltd.	Green Arrows Kansai Co., Ltd.	DINS Mirai Co., Ltd.
DINS Kansai Co., Ltd.	Settsu Co., Ltd.	Software Total Service Co., Ltd.	ISV Japan, Limited
Kyodoh Doboku Co., Ltd.	Clean Stage Co., Ltd.	Maruyo Inc.	Ashiya Josui Co., Ltd.
Geo-Re Japan Inc.	Plafactory Co., Ltd.	General Agriculture & Forestry Co., Ltd.	INAC Football Club Co., Ltd.
Safety Island Co., Ltd.	Create Navi Co., Ltd.	DINS Environmental Analysis Center Co., Ltd.	DINS Hokkaido Co., Ltd.
Settsu Seibun Co., Ltd.	Tohoku Eco Clean Co., Ltd.	D-design Co., Ltd.	Tadaoka Eco Service Co., Ltd.
Kyoto Kankyo Co., Ltd.	Omihachiman Eco Service Co., Ltd.	Daiei Kankyo Research Institute Co., Ltd.	Negibozu Agricultural Producers' Cooperative Corporation
Kobe Port Recycle Co., Ltd.	Sanki Kaihatsu Co., Ltd.	Resource Circulation Systems Co., Ltd.	Makinosato Agricultural Producers' Cooperative Corporation

Non-consolidated subsidiaries

Fukuchiyama Golf Co., Ltd.	Satoyama Agricultural Producers' Cooperative Corporation
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Affiliates accounted for by the equity method

Major Venous Japan Co., Ltd.	Symfives Co., Ltd.	Asahikouseki Co., Ltd.
Re-enermie Co., Ltd.	KOBE-Bio-Sewage Co., Ltd.	Kitaguchi Kensetsu Kogyo Co., Ltd.

Affiliates not accounted for by the equity method

GLOBAL ENVIRONMENTAL TECHNOLOGY Co., Ltd.	Eco Clean Yamatokoriyama Co. Ltd.	NEW ENERGY SUPPLY CORPORATION
KOUKI CORP.	Green Arrows Holdings, Inc.	KAKEGAWA HOTOKU POWER Co., Ltd.

Major organizations to which we hold membership

Name	Position in Organization	Name of Appointee	Corporate Name
Resource Recycling Council	Director	Fumio Kaneko	Daiei Kankyo Co., Ltd.
Japan Disaster Treatment Systems	Director	Nariyuki Ohta	Daiei Kankyo Co., Ltd.
Japan Soil Treatment Association	Director	Nariyuki Ohta	Daiei Kankyo Co., Ltd.
Sakai Coastal Eco Factories Council	Director	Nariyuki Ohta	Daiei Kankyo Co., Ltd.
Osaka Circular Resource Association	Director	Morihiko Shimoda	Daiei Kankyo Co., Ltd.
Hyogo Circular Resource Association	Director	Hiroaki Shimoji	Daiei Kankyo Co., Ltd.
Mie Industrial Waste Association	Auditor	Yasuhiko Maeyama	Mie Chuo Kaihatsu Co., Ltd.
Kyoto Industrial Waste Association	Director	Seiji Hokari	Mie Chuo Kaihatsu Co., Ltd.

Data (Environment)

Daiei Kankyo Group material balance (FY2024/3 results)

Input	Volume of waste and contaminated soil received	2,614,000 t/year
Resource inputs	Gas	4,551,000 m3
	Liquefied gas (LPG and LNG)	9 t
	Purchased electricity	58,891 MWh
	Electricity self-consumption	66,359 MWh
	Various kinds of oil	20,667 kL (5,160 kL of which consists of recycled oil and biofuels)
	Water resources	785,000 m3
	Company-owned forests	8,170 ha
● Total volume of energy input (converted to GJ): 2,086 TJ		
Output	Amount recycled	958,000 t/year
	CO2 emissions	286,000 t-CO2 (Scope 1: 261,000 t-CO2, Scope 2: 25,000 t-CO2)
	Power generated from waste	109,213 MWh (including self-consumption)
	Discharged water volume	282,000 m3
	Solar power generated	6,328 MWh
	CO2 absorbed by Company-owned forests	44,000 t-CO2

Data (Environment)

Climate change

* Performance figures for the four main companies (The four main companies in the waste management and recycling, and soil remediation businesses of the Daiei Kankyo Group: Daiei Kankyo Co., Ltd.; Mie Chuo Kaihatsu Co., Ltd.; DINS Kansai Co., Ltd.; and Geo-Re Japan Inc.)

Category			Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
GHG emissions	Scope 1 (direct emissions from fuel combustion)		t-CO2	244,247	249,361	252,540	261,601
	Scope 2 (indirect emissions from electric power use)		t-CO2	25,173	22,666	18,714	25,013
	Scope 3 (indirect emissions other than the above)		t-CO2	-	-	142,889※	223,306
	Scope 3 emissions	1 Purchased products and services	t-CO2	-	-	-	47,356
		2 Capital goods	t-CO2	-	-	-	93,202
		3 Fuel and energy activities not included in Scope 1 and 2	t-CO2	-	-	-	12,573
		4 Transportation and delivery (upstream)	t-CO2	-	-	-	23,654
		5 Waste from business activities	t-CO2	-	-	-	4,524
		6 Business trip	t-CO2	-	-	-	275
		7 Employee commuting	t-CO2	-	-	-	4,560
		9 Transportation and delivery (downstream)	t-CO2	-	-	-	1,933
		10 Processing of sold products	t-CO2	-	-	-	1,530
		11 Use of sold products	t-CO2	-	-	-	33,274
		12 Disposal of sold products	t-CO2	-	-	-	425
GHG emissions reduced as a direct result of reduction initiatives			t-CO2	29,600	28,182	27,436	38,391
CO2 absorbed by Company-owned forests			t-CO2	42,000	44,000	44,000	44,000
Energy consumption	Energy consumption within the organization		kL	41,287	43,350	42,076	45,768
	Breakdown of energy usage	Electric power purchased	kL	13,134	13,679	13,191	13,127
		Non-fossil energy (Waste power generation)	kL	12,196	12,627	12,060	14,680
		Electricity from renewable energy sources	kL	-	-	27	47
		Heavy oil A	kL	3,264	3,100	2,578	3,465
		Kerosene	kL	11	12	12	15
		Light oil	kL	3,709	2,922	3,611	4,103
		Gasoline	kL	17	13	15	27
		Liquefied petroleum gas (LPG)	kL	15	14	15	23
		Liquefied natural gas (LNG)	kL	1,002	1,505	0	0
		Town gas	m3	3,189	3,731	5,017	5,283
		Gas to liquids (GTL)	kL	532	1,208	537	81
		Reclaimed oil	kL	4,218	4,539	5,015	4,916
		Energy used per base unit	L/t	22.6	19.6	18.5	20.5
Reduction in energy used from energy conservation			kL	2,396	2,559	2,694	2,801
Power generation	Thermal recycling		MWh	57,831	58,194	59,533	109,213
	Solar power		MWh	5,253	5,740	6,281	6,328

Data (Environment)

Waste

Category			Unit	FY2024/3
Input	Volume of waste received		kilotons	2,614
		Waste (general waste and industrial)	kilotons	2,208
		Contaminated soil	kilotons	406
Output	Volume of recycling and waste management		kilotons	2,579
		Recycling	kilotons	958
		Waste management	kilotons	1,621

Water

Category			Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Water	Water withdrawal	Public water	thousand m3	203	296	257	329
		Industrial water	thousand m3	259	275	275	273
		Groundwater	thousand m3	159	132	185	183
		Lake water	thousand m3	0	0	0	0
		River water	thousand m3	283	244	294	282
		Sea water	thousand m3	0	0	0	0
		Others	thousand m3	0	0	0	0
	Water consumption		thousand m3	622	702	717	785
	Amount of environmentally hazardous substances discharged into water bodies	BOD	tons	-	-	-	0.9
		COD	tons	-	-	-	1.3
		Nitrogen	tons	-	-	-	3.2
		SS	tons	-	-	-	1.1

Chemical substances

Category			Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Emissions into the atmosphere	Nitrogen oxide (NOx)		tons	-	-	-	392.4
	Sulfur oxide (SOx)		tons	-	-	-	59.2
	Particulates		tons	-	-	-	9.86
Chemical substances subject to the PRTR Law	Released amount		tons	-	-	-	2
	Transferred amount		tons	-	-	-	0
	Released amount (dioxins)		mg-TEQ	-	2,311.4	5,176.4	15,279.2
	Transferred amount (dioxins)		mg-TEQ	-	3,243.0	3,346.9	2,898.1

Data (Environment)

Air and water quality measurements

Results of air pollutant measurements at heat treatment facilities

Category measured	Unit	Regulatory limit	Furnace	Measurement		
		Air Pollution Control Act		Maximum	Average	Measurement frequency
Daiei Kankyo Nishinomiya Recycle Center						
Particulates	g/m ³	0.15	-	<0.003	<0.003	6 times/year
Nitrogen oxide	ppm	250		47	37	
Hydrogen chloride	mg/m ³	700		24	6.5	
Sulfur oxide	K-value	1.17		0.003	0.002	
Dioxins (gas emissions)	ng-TEQ/m ³	5		0.37	0.32	2 times/year
Daiei Kankyo Miki Recycle Center (Existing incinerator)						
Particulates	g/m ³	0.15	No. 1	0.001	0.001	6 times/year
			No. 2	0.003	0.002	
Nitrogen oxide	ppm	250	No. 1	130	98	
			No. 2	120	110	
Hydrogen chloride	mg/m ³	700	No. 1	14	6	
			No. 2	21	9	
Sulfur oxide	K-value	14.5	No. 1	0.01	0.01	2 times/year
			No. 2	0.01	0.01	
Dioxins (gas emissions)	ng-TEQ/m ³	5	No. 1	0.41	0.41	1 time/year
			No. 2	0.17	0.17	
Daiei Kankyo Miki Recycle Center (Biomass factory)						
Particulates	g/m ³	0.04	No. 1	<0.001	<0.001	6 times/year
			No. 2	<0.001	<0.001	
Nitrogen oxide	ppm	250	No. 1	110	97	
			No. 2	130	100	
Hydrogen chloride	mg/m ³	700	No. 1	11	10	
			No. 2	8	7	
Sulfur oxide	K-value	14.5	No. 1	0.26	0.26	2 times/year
			No. 2	0.03	0.03	
Dioxins (gas emissions)	ng-TEQ/m ³	0.1	No. 1	0.080	0.080	1 time/year
			No. 2	0.099	0.099	

Data (Environment)

Air and water quality measurements

Results of air pollutant measurements at heat treatment facilities

Category measured	Unit	Regulatory limit	Furnace	Measurement		
		Air Pollution Control Act		Maximum	Average	Measurement frequency
Mie Chuo Kaihatsu Mie Recycle Center						
Particulates	g/m ³	0.15	No. 1	<0.001	<0.001	2 times/year
			No. 2	<0.001	<0.001	
Nitrogen oxide	ppm	250	No. 1	65	64	
			No. 2	63	62	
Hydrogen chloride	mg/m ³	700	No. 1	9	8	
			No. 2	13	10	
Sulfur oxide	K-value	17.5	No. 1	<0.005	<0.005	
			No. 2	<0.006	<0.006	
Dioxins (gas emissions)	ng-TEQ/m ³	5	No. 1	0.062	0.055	
			No. 2	0.068	0.042	
Mie Chuo Kaihatsu Mie Recycle Center (Energy Plaza)						
Particulates	g/m ³	0.04	No. 1	0.006	0.003	6 times/year
			No. 2	0.006	0.003	
Nitrogen oxide	ppm	250	No. 1	57	42	
			No. 2	50	45	
Hydrogen chloride	mg/m ³	700	No. 1	7.8	2.5	
			No. 2	4.6	2.6	
Sulfur oxide	K-value	17.5	No. 1	0.029	0.010	
			No. 2	0.11	0.024	
Dioxins (gas emissions)	ng-TEQ/m ³	0.1	No. 1	0.00055	0.00051	2 times/year
			No. 2	0.00040	0.00023	
DINS Kansai GE Recycle Center						
Particulates	g/m ³	0.08	No. 1	0.006	0.005	6 times/year
		0.04	No. 2	0.016	0.007	
Nitrogen oxide	ppm	250	No. 1	13	6.4	
			No. 2	16	7.0	
Hydrogen chloride	mg/m ³	700	No. 1	27	13	
			No. 2	38	17	
Sulfur oxide	K-value	1.17	No. 1	0.054	0.033	
			No. 2	0.28	0.066	
Dioxins (gas emissions)	ng-TEQ/m ³	1	No. 1	0.0034	0.0034	1 time/year
		0.1	No. 2	0.011	0.011	

Data (Environment)

Air and water quality measurements

Results of air pollutant measurements at heat treatment facilities

Category measured	Unit	Regulatory limit	Furnace	Measurement		
		Air Pollution Control Act		Maximum	Average	Measurement frequency
DINS Kansai Bioethanol Recycle Center						
Particulates	g/m ³	0.08	-	0.034	0.020	2 times/year
Nitrogen oxide	ppm	250		58	50	
Hydrogen chloride	mg/m ³	700		13	7.5	
Sulfur oxide	K-value	1.17		0.34	0.20	
Dioxins (gas emissions)	ng-TEQ/m ³	1		0.044	0.044	1 time/year
Clean Stage*						
Particulates	g/m ³	0.08	-	0.002	0.002	2 times/year
Nitrogen oxide	ppm	250		7	7	
Hydrogen chloride	mg/m ³	700		4	4	
Sulfur oxide	K-value	1.75		0.16	0.16	
Dioxins (gas emissions)	ng-TEQ/m ³	1		0.0091	0.0091	1 time/year

*Clean Stage Co., Ltd. ceased operation of its heat treatment facility on March 29, 2024.

Data (Environment)

Air and water quality measurements

Results of water quality measurements at water treatment facilities for final disposal sites

Disposal site	Category measured	Unit	Regulatory limit	Measurement		
			Waste Management Act	Maximum	Average	Measurement frequency
Daiei Kankyo Izumi Recycle Center						
Hirai Section 5	pH	-	5.8～8.6	7.8	7.3	1 time/month
	BOD	mg/L	60	1.4	0.8	
	COD	mg/L	90	0.5	0.5	
	SS	mg/L	60	1	1	
Hirai Section 8*	pH	-	5.8～8.6			-
	BOD	mg/L	60			
	COD	mg/L	90			
	SS	mg/L	60			
Daiei Kankyo Miki Recycle Center						
Makitani	pH	-	5.8～8.6	8.0	7.7	1 time/month
	BOD	mg/L	60	6.4	1.9	
	COD	mg/L	90	8.2	6.8	
	SS	mg/L	60	12	4	
Mie Chuo Kaihatsu Mie Recycle Center						
7th period	pH	-	5.8～8.6	7	6.6	1 time/month
	BOD	mg/L	60	0.7	0.5	
	COD	mg/L	90	3.5	1.4	
	SS	mg/L	60	<1	<1	
8th period	pH	-	5.8～8.6	8.3	6.9	1 time/month
	BOD	mg/L	60	1.0	0.6	
	COD	mg/L	90	7.2	3.4	
	SS	mg/L	60	3	1	
Daiei Kankyo Gobo Recycle Center						
Gobo	pH	-	5.8～8.6	7.5	7.3	1 time/month
	BOD	mg/L	60	2.9	1.2	
	COD	mg/L	90	8.8	3.7	
	SS	mg/L	60	17	6	
Tohoku Eco Clean						
Tohoku	pH	-	5.8～8.6	8.1	7.8	1 time/month
	BOD	mg/L	60	0.9	0.6	
	COD	mg/L	90	5.5	5.5	
	SS	mg/L	60	2	1	

* Hirai Section 8 leachate treatment facility operation temporarily suspended from April 2017. Hirai Section 8 leachate is sent to Section 5 leachate treatment facility.

Data (Social)

Employment/Diversity

Category		Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
No. of employees*1	Regular employee (male)	People	1,597	1,702	1,735	1,817
	Regular employee (female)	People	296	333	354	377
	Temporary employee (male)	People	265	272	278	269
	Temporary employee (female)	People	139	93	89	126
Percentage of female managers		%	-	3.2	3.0	3.7
Age group of employees	Under 30 years old	%	17.6	16.2	15.2	14.2
	30-50 years old	%	56.0	57.0	55.8	54.5
	Over 50 years old	%	26.4	26.8	29.0	31.3
Average years of service*2	Male	Years	7.1	7.4	7.9	8.4
	Female	Years	5.1	5.9	6.2	5.8
Number of new employee hires	Male	People	78	164	113	147
	Female	People	30	24	34	50
Percentage of new hires	Male	%	72.2	87.2	76.9	74.6
	Female	%	27.8	12.8	23.1	25.4
Number of resignations	Male	People	84	85	100	94
	Female	People	28	15	21	34
Employee turnover rate	Male	%	4.7	4.4	4.9	4.5
	Female	%	8.8	3.4	4.8	6.7
Percentage of employees with disabilities		%	-	-	3.8	3.5

*1 No. of employees: Combined total of regular employees and temporary employees as of March 31

*2 Average years of service: Total number of continuous years of service in the Dai-ichi Kangyo Group

Work-life balance

Category		Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Percentage of employees who take paid leave		%			72.2	77.7
No. of employees who take childcare leave	Male	People	-	4	24	41
	Female	People	-	6	12	5
Percentage of employees who take childcare leave	Male	%	-	10.0	45.3	93.2
	Female	%	-	100	100	100
Number of employees returning from childcare leave	Male	People	-	2	23	37
	Female	People	-	N/A	3	N/A
Percentage of employees returning from childcare leave	Male	%	-	50	95.8	90.2
	Female	%	-	-	25	-
Number of employees enrolled at the end of 12 months after returning from childcare leave	Male	People	-	2	23	37
	Female	People	-	N/A	2	N/A

Data (Social)

Health and productivity management

Category	Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Percentage of employees who undergo health exams	%	100	100	100	100

Human resources development

Category		Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
No. of participants in education and training	Male	People	-	-	1,125	1,312
	Female	People	-	-	130	181

Wage gap

Category		Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Wage gap between men and women	Average annual income of women ÷ Average annual income of men	%	-	-	69.1	66

Occupational health and safety

Category		Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Occupational accidents	lost-worktime injury rate	-	3.52	3.49	5.51	3.88
	severity rate	-	0.13	1.28	0.09	0.06
Number of employees covered by the occupational health and safety management system (including temporary employees)		People	2,297	2,400	2,456	2,589
Percentage of employees covered by the occupational health and safety management system		%	100	100	100	100

Patents

Category	Unit	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Number of patent applications	Cases	2	0	0	1
Number of patents held	Cases	20	20	16	15

Data (Governance)

Corporate governance structure at a glance

Form of institutional design	Company with an audit and supervisory committee
Chair of the board of directors	President and Representative Director / Executive Officer
No. of directors	4
Of which, outside directors	1
No. of outside directors designated as independent officers	1
No. of directors (audit and supervisory committee members)	3
Of which, outside directors (audit and supervisory committee members)	2
No. of directors (audit and supervisory committee members) designated as independent officers	2
Term of office of directors	1 year
Term of office of directors (audit and supervisory committee members)	2 years
Adoption of executive officer system	Adopted
Establishment of voluntary advisory committee	Nomination & Compensation Advisory Committee
Adoption of performance-linked remuneration system	Adopted
Accounting auditor	GYOSEI & Co.

Officer remuneration

Category of officers	Total amount of remuneration, etc. (Millions of yen)	Total amount of remuneration, etc., by type (millions of yen)			No. of eligible officers
		Fixed compensation	Performance-linked remuneration	Non-monetary remuneration, etc.	
Directors (excluding Outside Directors)	147	137	-	9	4
Auditors (excluding outside auditors)	10	10	-	-	1
Outside Directors	19	19	-	-	4

Note: Non-monetary remuneration, etc. is the amount recorded as an expense in the fiscal year under review (ended March 31, 2024) based on the restricted stock compensation plan.

Audit (FY2024/3)

Results of audit by the Audit & Supervisory Board Members for FY2024/3

Covered	Key items	Result
26 locations (3 companies, 26 departments)	Compliance status with relevant laws and regulations, preventing individual risks, construction and operation status of internal control system	No misconduct in the execution of duties by Directors or serious violation of laws and regulations or the Articles of Incorporation was found.

Results of internal audit for FY2024/3

Covered	Key items	Result
51 locations (16 companies, 45 departments)	Compliance status with relevant laws and regulations, health and safety initiatives and compliance, effectiveness and efficiency of controls and processes, status of site operations, items pointed out in past audits	No serious violations of relevant laws and regulations, such as the Waste Management and Public Cleansing Act and the Industrial Safety and Health Act, were found.

Results of internal audit for FY2024/3

Covered	Result
GYOSEI & Co.	Appropriate in all material respects (unqualified opinion)

Data (Governance)

Status of cross-shareholdings

Category	FY2021/3		FY2022/3		FY2023/3		FY2024/3	
	No. of stocks	Total amount recorded on balance sheet (millions of yen)	No. of stocks	Total amount recorded on balance sheet (millions of yen)	No. of stocks	Total amount recorded on balance sheet (millions of yen)	No. of stocks	Total amount recorded on balance sheet (millions of yen)
Unlisted stocks	1	23	1	23	2	30	2	30
Stocks other than unlisted stocks	7	843	6	832	6	1,115	6	1,846
Total	8	866	7	855	8	1,145	8	1,876

Number of whistleblowing reports

	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Internal contact point	3	14	10	24
External contact point	2	1	5	5
Total	5	15	15	29

Overview of whistleblowing cases

	FY2021/3	FY2022/3	FY2023/3	FY2024/3
Misconduct, etc.	2	0	1	1
Rules/regulations	0	2	4	8
Harassment, etc.	1	9	9	15
Work improvement, etc.	0	3	1	1
Dissatisfaction with personnel affairs	2	1	0	4
Total	5	15	15	29