

Scope: Kumagai Gumi alone

Scope: Nishinagar Samudani				Units	FY2020	FY2021	FY2022	FY2023	FY2024	
Energy usage* ¹	Electricity	Work sites	MWh	29,533	27,159	30,282	33,132	36,277		
		Offices	MWh	3,883	3,997	4,464	3,425	3,524		
	Gasoline	Work sites	kL	507	418	359	507	488		
		Offices	kL	171	172	192	189	197		
	LPG	Work sites	1,000m ³	38	40	68	47	28		
		Offices	1,000m ³	1	2	2	1	1		
	Town gas	Work sites	1,000m ³	0	0	0	0	0		
		Offices	1,000m ³	13	10	6	5	5		
	Kerosene	Work sites	kL	10	8	18	88	298		
		Offices	kL	18	19	21	14	17		
	Diesel	Work sites	kL	19,278	16,994	17,040	19,093	22,287		
		Offices	kL	4	2	17	17	13		
	Water	Work sites	1,000 m ³	529	362	333	354	478		
		Offices	1,000 m ³	24	24	16	15	18		
Renewable energy (CO2 free + RE100 power) electricity consumption			MWh	—	641	6,932	11,484	15,374		
Renewable energy (RE100 power) electricity consumption* ²			MWh	—	603	3,910	7,621	10,314		
CO ₂ emissions	Scope1+2	Total	Scope1* ^{1,2}	t-CO ₂	51,678	45,582	45,938	52,237	60,972	
			Scope2* ^{1,2}	t-CO ₂	15,133	13,937	12,479	11,939	11,433	
				t-CO ₂	66,811	59,519	58,417	64,177	72,405	
		Intensity* ³	Civil engineering work sites	t-CO ₂ /billion yen	33.4	43.2	38.9	38.0	43.7	
			Construction work sites	t-CO ₂ /billion yen	9.7	8.6	10.5	11.0	9.7	
	Scope3* ^{1,2}	Category 1 (Purchased goods and services)		t-CO ₂	713,061	779,031	590,805	514,021	753,726	
		Category 2 (Capital goods)		t-CO ₂	1,724	8,803	5,200	3,529	7,344	
		Category 3 (Fuel- and energy-related activities not included in Scope 1or Scope 2)		t-CO ₂	9,852	8,806	9,026	10,049	11,461	
		Category 4 (Upstream transportation and distribution)		t-CO ₂	22,761	25,378	17,954	13,583	20,864	
		Category 5 (Waste generated in operations)		t-CO ₂	2,012	1,749	1,838	1,626	1,654	
		Category 6 (Business travel)		t-CO ₂	342	342	344	346	353	
		Category 7 (Employee commuting)		t-CO ₂	968	945	918	884	867	
		Category 11 (Use of sold products)		t-CO ₂	2,554,935	3,910,400	2,271,092	1,787,358	3,151,771	
		Category 12 (End-of-life treatment of sold products)		t-CO ₂	26,227	54,288	43,789	27,577	36,421	
		Category 13 (Downstream leased assets)		t-CO ₂	—	—	165	317	561	
				t-CO ₂	3,331,882	4,789,742	2,941,131	2,359,289	3,985,022	
	Generated construction waste* ³	Total waste amount			t	846,400	478,707	502,228	577,238	501,385
		Recycled/reduced amount			t	823,817	459,391	471,561	554,234	485,298
		Recycling rate			%	97	96	94	96	97
Final disposal amount			t	22,584	19,316	30,666	23,004	16,087		
Mixed waste generation rate (mixed waste rate)* ⁴		Civil engineering work sites	%	2.2	1.5	1.7	1.9	2.3		
		Construction work sites	%	6.9	6.4	6.2	6.2	5.6		
		Whole company	%	0.9	1.8	1.9	1.3	1.7		
Green purchase rate* ^{3,5}			Civil engineering work sites	%	15.7	—	—	—	—	
			Construction work sites	%	12.5	—	—	—	—	
Manifest issuance	Electronic manifest usage rate* ⁶			%	94.0	97.2	95.2	97.2	97.2	
	No. of electronic manifests			No.	102,588	84,977	83,671	99,191	91,136	
	No. of paper manifests			No.	6,520	2,473	4,236	2,842	2,592	

*1 Includes overseas activities (overseas construction, overseas offices) in addition to domestic activities (domestic construction, domestic offices).

*2 Third-party certification obtained from SOCOTEC Certification Japan Co., Ltd.

*3 Includes only domestic construction.

*4 Mixed waste rate (%) = mixed waste amount (t) / total waste amount (t)

*5 Green purchase rate (%) = expenditures on green items / construction costs

*6 Electronic manifest usage rate (%) = number of electronic manifests / (number of electronic manifests + number of paper manifests)