

Scope: Kumagai Gumi alone

			Units	FY2019	FY2020	FY2021	FY2022	FY2023	
Energy usage* ¹	Electricity	Work sites	MWh	27,654	29,533	27,159	30,282	33,132	
		Offices	MWh	3,858	3,883	3,997	4,464	3,425	
	Gasoline	Work sites	kL	559	507	418	359	507	
		Offices	kL	185	171	172	192	189	
	LPG	Work sites	t	78	82	88	148	103	
		Offices	t	0	3	4	4	1	
	Town gas	Work sites	1,000m ³	0	0	0	0	0	
		Offices	1,000m ³	56	13	10	6	5	
	Kerosene	Work sites	kL	3	10	8	18	88	
		Offices	kL	18	18	19	21	14	
	Diesel	Work sites	kL	22,268	19,278	16,994	17,040	19,093	
		Offices	kL	6	4	2	17	17	
	Water	Work sites	1,000 m ³	317	529	362	333	354	
Offices		1,000 m ³	27	24	24	16	15		
Renewable energy (CO2 free + RE100 power) electricity consumption			MWh	—	—	641	6,932	11,484	
Renewable energy (RE100 power) electricity consumption* ²			MWh	—	—	603	3,910	7,621	
CO ₂ emissions	Scope1+2	Total	Scope1* ^{1,2}	t-CO ₂	59,600	51,678	45,582	45,938	52,237
			Scope2* ^{1,2}	t-CO ₂	14,733	15,133	13,937	12,479	11,939
				t-CO ₂	74,333	66,811	59,519	58,417	64,177
		Intensity* ³	Civil engineering work sites	t-CO ₂ /billion yen	40.1	33.4	43.2	38.9	38.0
			Construction work sites	t-CO ₂ /billion yen	7.2	9.7	8.6	10.5	11.0
	Scope3* ^{1,2}	Category 1 (Purchased goods and services)		t-CO ₂	1,125,909	713,061	779,031	590,805	514,021
		Category 2 (Capital goods)		t-CO ₂	2,826	1,724	8,803	5,200	3,529
		Category 3 (Fuel- and energy-related activities not included in Scope 1or Scope 2)		t-CO ₂	10,875	9,852	8,806	9,026	10,049
		Category 4 (Upstream transportation and distribution)		t-CO ₂	41,164	22,761	25,378	17,954	13,583
		Category 5 (Waste generated in operations)		t-CO ₂	1,323	2,012	1,749	1,838	1,626
		Category 6 (Business travel)		t-CO ₂	336	342	342	344	346
		Category 7 (Employee commuting)		t-CO ₂	974	968	945	918	884
		Category 11 (Use of sold products)		t-CO ₂	2,572,260	2,554,935	3,910,400	2,271,092	1,787,358
		Category 12 (End-of-life treatment of sold products)		t-CO ₂	26,322	26,227	54,288	43,789	27,577
	Category 13 (Downstream leased assets)		t-CO ₂	—	—	—	165	317	
				t-CO ₂	3,781,989	3,331,882	4,789,742	2,941,131	2,359,289
	Generated construction waste* ³	Total waste amount		t	633,983	846,400	478,707	502,228	577,238
		Recycled/reduced amount		t	618,053	823,817	459,391	471,561	554,234
		Final disposal amount		t	15,930	22,584	19,316	30,666	23,004
Mixed waste generation rate (mixed waste rate)* ⁴		Civil engineering work sites	%	2.8	2.2	1.5	1.7	1.9	
		Construction work sites	%	11.5	6.9	6.4	6.2	6.2	
		Whole company	%	1.5	0.9	1.8	1.9	1.3	
Green purchase rate* ^{3,5}		Civil engineering work sites	%	14.7	15.7	—	—	—	
		Construction work sites	%	12.8	12.5	—	—	—	
Manifest issuance	Electronic manifest usage rate* ⁶		%	90.8	94.0	97.2	95.2	97.2	
	No. of electronic manifests		No.	100,337	102,588	84,977	83,671	99,191	
	No. of paper manifests		No.	10,142	6,520	2,473	4,236	2,842	

*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)