

Scope: Kumagai Gumi and consolidated subsidiaries*1

		Units	FY2020	FY2021	FY2022	FY2023	FY2024		
Energy usage	Electricity	MWh	57,179	53,950	57,363	58,647	64,705		
	Gasoline	kL	1,320	1,859	1,092	1,262	1,048		
	LPG	1,000m ³	53	104	83	60	36		
	Town gas	1,000m ³	81	70	63	62	64		
	Kerosene	kL	2,137	1,995	1,777	1,838	2,648		
	Diesel	kL	26,351	42,739	23,578	25,185	29,193		
	A heavy oil	kL	6,957	6,160	5,737	5,734	6,217		
	GTL	kL	628	556	518	517	—		
	Renewable energy (CO2 free + RE100 power) electricity consumption	MWh	—	669	6,936	11,508	18,720		
	Renewable energy (RE100 power) electricity consumption*2	MWh	—	603	3,910	7,580	10,314		
CO2 emissions	Scope1+2	Scope1*2	CO ₂	t-CO ₂	97,901	87,515	85,908	91,021	103,022
			CH ₄	t-CO ₂	220	195	181	181	196
				t-CO ₂	98,121	87,710	86,089	91,202	103,218
		Scope2*2		t-CO ₂	27,296	25,340	23,616	23,321	21,749
			t-CO ₂	125,417	113,050	109,705	114,523	124,968	
	Scope3*2	Category 1 (Purchased goods and services)		t-CO ₂	891,190	1,000,711	796,461	694,702	1,009,403
		Category 2 (Capital goods)		t-CO ₂	4,322	12,023	7,276	6,186	10,064
		Category 3 (Fuel- and energy-related activities not included in Scope 1 or Scope 2)		t-CO ₂	12,314	11,312	12,168	14,900	19,463
		Category 4 (Upstream transportation and distribution)		t-CO ₂	28,447	32,600	24,204	18,358	27,942
		Category 5 (Waste generated in operations)		t-CO ₂	2,556	2,281	2,550	2,240	2,300
		Category 6 (Business travel)		t-CO ₂	555	566	574	578	591
		Category 7 (Employee commuting)		t-CO ₂	1,574	1,562	1,535	1,476	1,452
		Category 11 (Use of sold products)		t-CO ₂	2,660,395	4,241,745	2,574,005	2,014,520	3,582,551
		Category 12 (End-of-life treatment of sold products)		t-CO ₂	32,746	69,667	58,962	37,226	48,726
		Category 13 (Downstream leased assets)		t-CO ₂	—	—	211	398	709
			t-CO ₂	3,634,099	5,372,467	3,477,946	2,790,583	4,703,201	

*1 In addition to Kumagai Gumi, consolidated subsidiaries include Gaeart Co., Ltd., Technos Co., Ltd., K & E Co., Ltd., Techno-Space Creates Co., Ltd., FATEC Co., Ltd., Technical Support Co., Ltd., and Taiwan Kumagai Co., Ltd.

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