

Scope: Kumagai Gumi and consolidated subsidiaries*1

			Units	FY2019	FY2020	FY2021	FY2022	FY2023
Energy usage	Electricity		MWh	39,021	41,763	40,007	46,773	58,647
	Gasoline		kL	922	847	758	743	1,262
	LPG		t	96	106	118	205	130
	Town gas		1,000m ³	70	16	12	9	62
	Kerosene		kL	26	37	35	53	1,838
	Diesel		kL	27,581	24,101	21,833	22,993	25,185
	A heavy oil		kL	—	—	—	—	5,734
	GTL		kL	—	—	—	—	517
CO2 emissions	Scope1+2	Scope1*2	t-CO ₂	73,801	64,588	58,553	61,928	91,202
		Scope2*2	t-CO ₂	18,327	19,122	18,451	18,899	23,321
			t-CO ₂	92,128	83,710	77,004	80,827	114,523
	Scope3*2	Category 1 (Purchased goods and services)	t-CO ₂	1,394,192	891,190	1,000,711	796,461	694,702
		Category 2 (Capital goods)	t-CO ₂	5,499	4,322	12,023	7,276	6,186
		Category 3 (Fuel- and energy-related activities not included in Scope 1 or Scope 2)	t-CO ₂	13,466	12,314	11,312	12,168	14,900
		Category 4 (Upstream transportation and distribution)	t-CO ₂	50,972	28,447	32,600	24,204	18,358
		Category 5 (Waste generated in operations)	t-CO ₂	1,698	2,556	2,281	2,550	2,240
		Category 6 (Business travel)	t-CO ₂	542	555	566	574	578
		Category 7 (Employee commuting)	t-CO ₂	1,569	1,574	1,562	1,535	1,476
		Category 11 (Use of sold products)	t-CO ₂	2,643,131	2,660,395	4,241,745	2,574,005	2,014,520
		Category 12 (End-of-life treatment of sold products)	t-CO ₂	32,556	32,746	69,667	58,962	37,226
		Category 13 (Downstream leased assets)	t-CO ₂	—	—	—	211	398
			t-CO ₂	4,143,625	3,634,099	5,372,467	3,477,946	2,790,583

*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.