

Scope: Kumagai Gumi and consolidated subsidiaries*1

		Units	FY2019	FY2020	FY2021	FY2022	
Energy usage	Electricity	MWh	39,021	41,763	40,007	46,773	
	Gasoline	kL	922	847	758	743	
	LPG	t	96	106	118	205	
	Town gas	1,000 Nm ³	67	15	12	8	
	Kerosene	kL	26	37	35	53	
	Diesel	kL	27,581	24,101	21,833	22,993	
CO2 emissions	Scope1+2	Scope1*2	t-CO ₂	73,801	64,588	58,553	61,928
		Scope2*2	t-CO ₂	18,327	19,122	18,451	18,899
			t-CO ₂	92,128	83,710	77,004	80,827
	Scope3*2	Category 1 (Purchased goods and services)	t-CO ₂	1,394,192	891,190	1,000,711	796,461
		Category 2 (Capital goods)	t-CO ₂	5,499	4,322	12,023	7,276
		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
		Category 4 (Upstream transportation and distribution)	t-CO ₂	50,972	28,447	32,600	24,204
		Category 5 (Waste generated in operations)	t-CO ₂	1,698	2,556	2,281	2,550
		Category 6 (Business travel)	t-CO ₂	542	555	566	574
		Category 7 (Employee commuting)	t-CO ₂	1,569	1,574	1,562	1,535
		Category 11 (Use of sold products)	t-CO ₂	2,643,131	2,660,395	4,241,745	2,574,005
		Category 12 (End-of-life treatment of sold products)	t-CO ₂	32,556	32,746	69,667	58,962
		Category 13 (Downstream leased assets)	t-CO ₂	—	—	—	211
	t-CO ₂	4,143,625	3,634,099	5,372,467	3,477,946		

*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.