

Environmental Data

Environment-Related Data Coverage Rate

	Unit	FY2023	FY2024
The Furukawa Company Group (consolidated basis, including overseas sites*1)	%	99.8	99.9

*1 Sales from business sites included in the calculation as a percentage of consolidated net sales

Environmental Impact Emissions

INPUT

Category		Unit	FY2020	FY2021	FY2022	FY2023*2	FY2024	
Total energy input	Volatile oil (gasoline)	kℓ	30	32	33	630	390	
	Kerosene	kℓ	205	210	195	283	244	
	Diesel oil	kℓ	170	210	214	1,997	1,970	
	Fuel oil A	kℓ	170	33	32	340	264	
	Liquefied petroleum gas (LPG)	t	314	345	349	339	425	
	Liquefied natural gas (LNG)	t	—	—	—	180	289	
	City gas	thousand m ³	773	906	779	859	813	
	Warm water	GJ	—	—	—	229	241	
	Cold water	GJ	—	—	—	598	633	
	Biogas (non-fossil fuel)	thousand m ³	—	—	—	3	0	
	Power consumption	thousand kWh	47,949	52,530	48,017	62,498	65,557	
	Renewable energy (portion of power consumption)	thousand kWh	11,536	11,917	13,159	9,852	9,636	
Total energy consumption	—	thousand GJ	427	472	410	737	732	
Total water consumption	Clean water	thousand m ³	109	97	93	123	135	
	Industrial water	Used water collected in industrial quarries	thousand m ³	—	—	—	—	—
		External drainage	thousand m ³	—	—	—	—	—
		Harvested rainwater	thousand m ³	—	—	—	—	—
		Extracted from seawater or the ocean	thousand m ³	—	—	—	—	—
		Other *3	thousand m ³	562	521	475	434	461
		Total	thousand m ³	562	521	475	434	461
	Groundwater	thousand m ³	0	0	0	170	187	
Total	thousand m ³	671	618	568	727	783		
Total materials input	—	t	114,303	118,800	118,325	118,984	117,655	

*2 In FY2023, the calculation scope was expanded from major domestic production sites to a consolidated basis, including overseas sites. The data was reviewed and recalculated in FY2024.

*3 Includes surface water from rivers, etc.

OUTPUT

Category		Unit	FY2020	FY2021	FY2022	FY2023*4	FY2024	
CO ₂ emissions	Scope 1	Energy-related	t-CO ₂	4,192	4,296	3,996	11,604	11,137
		Non-energy-related	t-CO ₂	—	—	—	22,683	25,252
	Scope 2		t-CO ₂	16,711	17,808	15,540	22,539	22,642
	Scope 1+2 total		t-CO ₂	20,903	22,104	19,536	56,826	59,031
	Scope 3*5	Category 1	t-CO ₂	—	—	—	—	603,377
		Category 2	t-CO ₂	—	—	—	—	19,228
		Category 3	t-CO ₂	—	—	—	—	5,468
		Category 4	t-CO ₂	—	—	6,323	8,224	36,031
		Category 5	t-CO ₂	—	—	29	22	3,509
		Category 6	t-CO ₂	—	—	—	—	354
		Category 7	t-CO ₂	—	—	—	—	1,104
		Category 9	t-CO ₂	—	—	—	—	27,125
		Category 10	t-CO ₂	—	—	—	—	923,742
		Category 11	t-CO ₂	—	—	648,449	675,053	1,060,405
		Category 12	t-CO ₂	—	—	—	—	225
Category 13	t-CO ₂	—	—	—	—	4,725		
Scope 3 total		t-CO ₂	—	—	654,801	683,299	2,685,293	
Wastewater	Underground infiltration	thousand m ³	9	9	8	98	93	
	Rivers, etc.	thousand m ³	294	256	203	171	187	
	Sewage (groundwater)	thousand m ³	150	131	129	148	172	
	Total marine emissions	thousand m ³	—	—	—	—	—	
	Other	thousand m ³	21	21	21	21	21	
	Total	thousand m ³	474	417	361	438	473	
Reused/recycled materials (4) = (1) + (2) + (3)	Sold as material with value (1)	t	2,456	3,045	3,046	3,557	3,311	
	Collected at no cost (2)	t	39	56	56	68	55	
	Recycled for a fee (3)	t	2,228	1,804	1,943	2,108	2,047	
	Total (4)	t	4,723	4,905	5,045	5,733	5,413	
Total other emissions, including waste	—	t	5,912	6,347	6,459	8,256	7,918	
Recycling percentage*6	—	%	79.9	77.3	78.1	69.4	68.4	
Percentage of materials with value*7	—	t	404	470	434	396	350	
Final waste disposal volume*8	—	%	6.8	7.4	6.7	4.8	4.4	
Total BOD volume	—	t	1	1	0	1	0	
Total COD volume	—	t	2	1	1	1	1	
Total phosphorus volume	—	t	0	0	0	0	0	
Total nitrogen volume	—	t	1	1	1	1	1	
Volatile organic compound (VOC) emissions	—	t	145	144	152	174	181	
Nitrogen oxide (NOx) emissions	—	t	2	1	2	19	2	
Sulfur oxide (SOx) emissions	—	t	2	2	1	2	3	
Soot/dust emissions	—	t	2	2	0	0	2	

*4 In FY2023, the calculation scope was expanded from major domestic production sites to a consolidated basis, including overseas sites. The data was reviewed and recalculated in FY2024.

*5 In FY2024, the calculation scope was expanded to a consolidated basis including overseas sites, and the calculation categories were reviewed. There were no applicable emissions for Categories 8, 14, or 15.

*6 (4) / Total other emissions, including waste

*7 Landfill volume only (excluding recycled waste)

*8 Final waste disposal volume / Total other emissions, including waste