

FY2023 Greenhouse Gas Emissions (Scope 1, 2 and 3)

Unit: [kg-CO2]

Fiscal Year			2023 Fiscal Year				Change from FY2022		2022 Fiscal Year				
Company			SHIONO KORYO KAISHA, LTD.	SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN), LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO.,	Total	(Red): Decrease	SHIONO KORYO KAISHA, LTD.	SHIONO FINESSE, LTD.	SHIONO KORYO KAISHA (TAIWAN), LTD.	SHANGHAI FANGJING FLAVORS & FRAGRANCES CO.,	Total
Scope 1	Direct Emissions (Fuel and Gas)		939,306.4	1,585,634.5	88,671.1	70,850.3	2,684,462.3	-33881.30	987,311.8	1,566,710.5	87,484.9	76,836.4	2,718,343.6
Scope 2	Indirect Emissions (Purchased Electricity)		871,752.3	3,025,849.9	366,400.0	233,932.8	4,497,935.0	110714.30	875,594.2	2,938,457.3	335,754.8	237,414.4	4,387,220.7
Scope 3 Category / Scope 1 and 2 Total			1,811,058.7	4,611,484.4	455,071.1	304,783.1	7,182,397.3	76833.00	1,862,906.0	4,505,167.8	423,239.7	314,250.8	7,105,564.3
1	Purchased Goods and Services	U p s t r e a m	12,346,201.0	10,678,343.8	2,603,182.8	227,503.0	25,855,230.6	1190358.83	12,140,205.3	9,857,226.2	2,348,480.8	318,959.5	24,664,871.8
2	Capital Goods		224,557.2	999,712.5	21,416.3	2,520.0	1,248,206.0	93804.17	192,912.5	910,555.9	47,981.5	2,951.9	1,154,401.8
3	Fuel- and Energy-Related Activities (not included in Scope 1 or 2)		271.4	381.1	29,566.0	17,415.0	47,633.5	4048.60	175.3	443.3	27,181.3	15,785.0	43,584.9
4	Upstream Transportation and Distribution		1,200,239.5	5,271.2	130,891.1	21,053.0	1,357,454.8	-88593.43	1,292,531.6	4,984.2	124,766.3	23,766.1	1,446,048.2
5	Waste Generated in Operations		172,176.3	262,572.1	31,248.0	7,022.4	473,018.8	13652.70	150,108.6	272,729.5	31,248.0	5,280.0	459,366.1
6	Business Travel		109,712.0	11,802.4	8,772.4	676.2	130,963.1	35948.84	84,755.9	8,209.7	1,732.6	316.0	95,014.3
7	Employee Commuting		65,534.8	28,861.2	8,464.0	0.0	102,860.0	5789.58	62,896.3	26,554.1	7,620.0	0.0	97,070.5
8	Upstream Leased Assets		278,890.4	16,474.0	28,201.6	1,714.4	325,280.4	100054.26	187,607.7	16,824.8	17,297.3	3,496.4	225,226.2
9	Downstream Transportation and Distributi	D o w n s t r e a m	141,362.4	3,011.0	125,913.6	0.0	270,287.0	-1500.36	146,808.1	3,516.0	121,463.2	0.0	271,787.3
10	Processing of Sold Products		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—	—	Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
11	Use of Sold Products		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—	—	Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
12	End-of-Life Treatment of Sold Products		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—	—	Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
13	Downstream Leased Assets		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—	—	Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
14	Franchises		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—	—	Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
15	Investments		Not Applicable	Not Applicable	Not Applicable	Not Applicable	—	—	Not Applicable	Not Applicable	Not Applicable	Not Applicable	—
Other (Optional)			—	—	—	—	—	—	—	—	—	—	—
Scope 3 Upstream Emissions			14,397,582.7	12,003,418.3	2,861,742.3	277,904.0	29,540,647.3	1355063.54	14,111,193.2	11,097,527.8	2,606,307.9	370,554.9	28,185,583.7
Scope 3 Downstream Emissions			141,362.4	3,011.0	125,913.6	0.0	270,287.0	-1500.36	146,808.1	3,516.0	121,463.2	0.0	271,787.3
Total Scope 3 Emissions			14,538,945.1	12,006,429.3	2,987,655.9	277,904.0	29,810,934.2	1353563.18	14,258,001.2	11,101,043.8	2,727,771.1	370,554.9	28,457,371.1
Total GHG Emissions			16,350,003.8	16,617,913.7	3,442,727.0	582,687.1	36,993,331.5	1430396.18	16,120,907.2	15,606,211.6	3,151,010.8	684,805.7	35,562,935.4
Shipment Volume [kg]			1,759,851.8	45,054.6	577,134.0	1,156,590.0	3,538,630.4	-188898.90	1,845,431.2	59,982.1	556,735.0	1,265,381.0	3,727,529.3
Scope 1 and 2 Emissions Intensity			1.03	102.35	0.79	0.26	2.03	0.12	1.01	75.11	0.76	0.25	1.91
Scope 1, 2 and 3 Emissions Intensity			9.29	368.84	5.97	0.50	10.45	0.91	8.74	260.18	5.66	0.54	9.54