

ESGデータ 環境編

ESG Data Environment



項目 Item	内訳 Breakdown	単位 Unit	セコムグループ SECOM Group			
			2020年度 FY2020	2021年度 FY2021	2022年度 FY2022	2023年度 FY2023
温室効果ガス (GHG)排出量※ Greenhouse Gas Emissions*	GHG総排出量(スコープ1+2+3) Total GHG emissions (Scope 1+2+3)	t-CO ₂ e	1,242,261.94	1,196,608.53	1,190,775.16	1,182,353.33
	GHG排出量(スコープ1+2) GHG emissions (Scope 1+2)	t-CO ₂ e	182,238.22	180,448.57	171,417.05	138,344.05
	GHG排出量スコープ1 GHG emissions: Scope 1	t-CO ₂ e	60,908.80	58,832.48	56,405.30	53,870.46
	うち二酸化炭素(CO ₂) Direct CO ₂	t-CO ₂	58,472.85	56,628.36	54,420.88	52,326.16
	うちメタン(CH ₄) Methane (CH ₄)	t-CO ₂ e	55.94	48.23	53.18	58.70
	うち一酸化二窒素(N ₂ O)=亜酸化窒素 Nitrous monoxide (N ₂ O) = Nitrous oxide	t-CO ₂ e	1,191.77	1,080.43	1,147.29	1,005.58
	うちハイドロフルオロカーボン類(HFCs) Hydrofluorocarbons (HFCs)	t-CO ₂ e	1,077.33	964.56	682.69	378.87
	うちパーフルオロカーボン類(PFCs) Perfluorocarbon (PFCs)	t-CO ₂ e	0.00	0.00	0.00	0.00
	うち六フッ化硫黄(SF ₆) Sulfur hexafluoride (SF ₆)	t-CO ₂ e	110.90	110.90	101.26	101.16
	うち三フッ化窒素(NF ₃) Nitrogen trifluoride (NF ₃)	t-CO ₂ e	0.00	0.00	0.00	0.00
	GHG排出量スコープ2 GHG emissions: Scope 2	t-CO ₂ e	121,329.42	121,616.09	115,011.74	84,473.59
	うち二酸化炭素(CO ₂) Indirect CO ₂	t-CO ₂	121,329.42	121,616.09	115,011.74	84,473.59
	GHG排出量スコープ3 GHG emissions: Scope 3	t-CO ₂ e	1,060,023.72	1,016,159.96	1,019,358.11	1,044,009.28
	うちカテゴリ1 購入した製品・サービス Category 1 Purchased goods and services	t-CO ₂ e	665,946.78	640,503.07	658,109.27	680,879.98
	うちカテゴリ2 資本財 Category 2 Capital goods	t-CO ₂ e	89,519.34	78,049.72	88,107.63	85,408.50
	うちカテゴリ3 燃料・エネルギー関連活動 Category 3 Fuel- and energy-related activities	t-CO ₂ e	29,667.86	29,132.67	28,334.00	24,670.36
	うちカテゴリ4 上流の輸送・流通 Category 4 Upstream transportation and distribution	t-CO ₂ e	5,839.87	6,051.11	6,058.81	7,249.04
	うちカテゴリ5 事業活動で発生する廃棄物 Category 5 Waste generated in operations	t-CO ₂ e	3,719.04	3,492.81	3,546.06	4,233.20
	うちカテゴリ6 移動・出張 Category 6 Business travel	t-CO ₂ e	7,696.35	7,742.15	8,896.13	10,012.54
	うちカテゴリ7 従業員の通勤 Category 7 Employee commuting	t-CO ₂ e	14,534.46	14,837.56	14,905.02	15,051.29
	うちカテゴリ8 上流のリース資産 Category 8 Upstream leased assets	t-CO ₂ e	131.00	128.29	158.48	145.28
	うちカテゴリ9 下流の輸送・流通 Category 9 Downstream transportation and distribution	t-CO ₂ e	770.34	959.00	821.78	67.15
	うちカテゴリ10 販売製品の加工 Category 10 Processing of sold products	t-CO ₂ e	0.00	0.00	0.00	0.00
	うちカテゴリ11 販売製品の使用 Category 11 Use of sold products	t-CO ₂ e	141,423.09	134,608.96	119,938.55	119,810.46
	うちカテゴリ12 販売製品の廃棄処理 Category 12 End-of-life treatment of sold products	t-CO ₂ e	840.92	883.61	927.98	528.65
	うちカテゴリ13 下流のリース資産 Category 13 Downstream leased assets	t-CO ₂ e	74,215.72	80,507.35	71,173.01	77,875.12
	うちカテゴリ14 フランチャイズ Category 14 Franchises	t-CO ₂ e	0.00	0.00	0.00	0.00
	うちカテゴリ15 投資 Category 15 Investments	t-CO ₂ e	25,718.95	19,263.66	18,381.40	18,077.72
大気 Atmosphere	窒素酸化物(NO _x)排出量 Nitrogen oxide (NO _x) emissions	t-NO _x	12.19	11.37	10.69	6.44
	粒子状物質(PM)排出量 Particulate matter (PM) emissions	t	0.29	0.29	0.28	0.15
エネルギー Energy	エネルギー消費量合計(熱量換算) Total energy consumption (gigajoule conversion)	GJ	3,672,725.75	3,740,068.24	3,736,328.66	3,689,632.15
電力・熱※ Electricity/Heat*	電力 Electricity	MWh	282,930.57	291,883.63	294,755.43	293,099.06
	うち再生可能エネルギー Renewable energy	MWh	9,258.85	21,228.33	39,405.37	84,535.56
	うち太陽光自発電量 Solar power generated	MWh	121.12	136.55	136.89	147.84
	冷温水 Cold/hot water	GJ	1,390.74	5,000.49	5,127.82	5,264.29

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			2020年度 FY2020	2021年度 FY2021	2022年度 FY2022	2023年度 FY2023
燃料※ Fuel*	都市ガス City gas	千m ³ 1,000 m ³	893.98	919.01	889.07	826.14
	LPG	千m ³ 1,000 m ³	75.18	75.22	63.28	53.36
	灯油 Kerosene	千ℓ 1,000 ℓ	337.84	329.93	386.26	373.20
	A重油 Heavy oil A	千ℓ 1,000 ℓ	193.25	244.97	167.97	209.15
	ガソリン Gasoline/petrol	千ℓ 1,000 ℓ	13,531.93	12,860.14	12,156.36	11,380.50
	軽油 Diesel	千ℓ 1,000 ℓ	8,896.56	8,737.46	8,605.56	8,628.94
	オートガス Autogas	千ℓ 1,000 ℓ	0.07	0.00	0.00	0.00
	水素 Hydrogen	千ℓ 1,000 ℓ	0.00	0.52	0.81	1.00
	ケロシン系ジェット燃料 Jet kerosene	千ℓ 1,000 ℓ	111.62	90.55	82.00	43.06
水※ Water*	水資源投入量 Total water used	千m ³ 1,000 m ³	1,058.78	1,073.84	1,113.29	1,144.27
	うち地方自治体水 Municipal water	千m ³ 1,000 m ³	998.68	1,010.84	1,052.17	1,073.29
	うち地下水 Groundwater	千m ³ 1,000 m ³	56.66	59.44	57.86	67.70
	うち雨水 Rainwater	千m ³ 1,000 m ³	3.44	3.57	3.26	3.29
資源・廃棄物※ Resources and Waste*	資源・廃棄物排出量 Total resources and waste amount	t	13,163.37	12,000.92	11,829.23	13,075.96
	うち有価物量 Valuables	t	1,721.25	1,898.74	1,854.87	1,788.90
	うちリサイクル量 Waste recycled	t	1,703.69	1,745.80	1,726.93	1,688.29
	うち金属リサイクル量 Metal recycled	t	981.15	993.06	1,132.75	1,086.47
	うちプラスチックリサイクル量 Plastic recycled	t	14.86	23.28	63.01	82.41
	うち紙リサイクル量 Paper recycled	t	707.69	729.46	531.16	519.41
	うち産業廃棄物量 Industrial waste	t	9,738.42	8,356.38	8,247.43	9,598.77
原単位 Intensity	売上高(百万円)あたりのGHG排出量(スコープ1+2) GHG emissions amount per unit of net sales (million yen) (Scope 1+2)	t-CO ₂ e/百万円 t-CO ₂ e/million yen	0.172	0.169	0.156	0.120
	従業員1人あたりのGHG排出量(スコープ1+2) GHG emissions amount per employee (Scope 1+2)	t-CO ₂ e/人 t-CO ₂ e/person	3.006	2.967	2.634	2.137
	売上高(百万円)あたりのエネルギー消費量 Energy usage amount per unit of net sales (million yen)	GJ/百万円 GJ/million yen	3.488	3.510	3.393	3.195
	売上高(百万円)あたりの水資源投入量 Water usage amount per unit of net sales (million yen)	m ³ /百万円 m ³ /million yen	1.335	1.345	1.011	0.991
	売上高(百万円)あたりの資源・廃棄物排出量 Total resources and waste amount per unit of net sales (million yen)	kg/百万円 kg/million yen	12.707	10.853	10.741	11.324

※ 一般社団法人日本品質保証機構の検証を受けた項目(2023年度)

* 温室効果ガス排出量は、マーケット基準を用いて算出しています。

* 一部算出方法を変更し、過年度分も遡及修正しています。

*Items for FY2023 verified by the Japan Quality Assurance Organization (JQA)

Notes:

GHG emissions are calculated using marketing criteria.

The calculation method has been partially changed and figures have been revised retrospectively for prior years.

Verification Report on Environmental Information

To: SECOM CO., LTD.

1. Scope

Japan Quality Assurance Organization (hereafter “JQA”) was engaged by SECOM CO., LTD. (hereafter “the Company”) to provide an independent verification on “FY2023 SECOM Group Environmental Information Report” (hereafter “the Report”). The content of our verification was to express our conclusion, based on our verification procedures, on whether the statement of information in the Report was correctly measured and calculated, in accordance with the “SECOM Group Calculation Rule for Environmental Information, ver.13, April 1, 2024” (hereafter “the Rule”). The purpose of the verification was to evaluate the Report objectively and to enhance the credibility of the calculation by the Company for the GHG emissions, the energy consumption, the total water used, and the total resources and waste amount.

*The fiscal year 2023 of the Company ended on March 31, 2024.

2. Outline of the Procedures Performed

JQA conducted verification in accordance with “ISO14064-3” for Scope 1, 2 & 3 of the GHG emissions and the energy consumption, and with “ISAE3000” for the total water used, the total resources and waste amount, respectively. The scope of this verification assignment covers the GHG emissions (CO₂, CH₄, N₂O, HFCs, PFCs, SF₆ and NF₃ emissions) from Scope 1 & 2; the energy consumption; the GHG emissions from Scope 3 (Category 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15); the total water used (municipal water, groundwater and rainwater); and the total resources and waste amount (valuables, waste recycled and industrial waste). The verification was conducted to a limited level of assurance and quantitative materiality was set at 5 percent of each environmental total data in the Report. The organizational boundaries of this verification covers Company’s consolidated 152 companies for GHG emissions*, and 98 domestic consolidated companies for the total water used and the total resources and waste amount.

*Overseas organizations are not included in the boundaries of some Scope 3 categories.

Our verification procedures included:


- Holding on-site verification at the Company’s 4 domestic sites selected by the Company for the Scope 1,2, the total water used and the total resources and waste amount.
- On-site assessment to check the calculation boundaries and system; GHG monitoring points; water usage; waste disposal conditions; and activity and emission data.
- For Scope 3, checking calculation scenario and allocation method; monitoring and calculation system; and emission data against evidence at each of the four corporate organizational units targeted for on-site verification.
- Confirming of the Rule at the Company’s environmental supervising division.

3. Conclusion

Based on the procedures described above, nothing has come to our attention that caused us to believe that the statement of the information regarding the Company’s FY2023 GHG emissions, energy consumption, total water used and total resources and waste amount in the Report, is not materially correct, or has not been prepared in accordance with the Rule.

4. Consideration

The Company was responsible for preparing the Report, and JQA’s responsibility was to conduct verification of the GHG emissions, the energy consumption, the total water used and the total resources and waste amount in the Report only. There is no conflict of interest between the Company and JQA.



Sumio Asada, Board Director

For and on behalf of Japan Quality Assurance Organization

1-25, Kandasudacho, Chiyoda-ku, Tokyo, Japan

July 29, 2024