Environmental Data List

[Scope]The scope of non-financial data provided covers Sumitomo Heavy Industries Ltd., consolidated subsidiaries, and equity method affiliates. Context changes are duly noted in the report.

＊：Items Subject to Third-Party Assurance

Item				Unit	2021	2022	2023	2024	2025	Remarks
Response to Climate Change	CO2 emissions	Scope1+ Scope2 (Market) ＊	Japan	10,000 t-CO_2	10.3	10.4	8.2	6.9	5.9	
			Overseas	10,000 t-CO_2	9.1	8.6	7.5	6.4	6.6	
			Total	10,000 t-CO_2	19.4	19.0	15.7	13.3	12.5	
		Scope1 ＊	Japan	t-CO_2	16,300	17,561	16,935	15,196	14,865	
			Overseas	t-CO_2	21,118	20,857	19,337	16,405	18,021	
			Total	t-CO_2	37,418	38,419	36,272	31,601	32,885	
		Consolidated account sales		million yen	943,979	854,093	1,081,533	1,071,126	1,066,881	
		Data coverage rate		%	92.6%	91.1%	92.3%	99.9%	99.9%	
		Scope2 (Location) ＊	Japan	t-CO_2	72,604	75,761	77,597	73,365	72,476	
			Overseas	t-CO_2	70,069	65,731	62,915	58,485	60,489	
			Total	t-CO_2	142,673	141,492	140,512	131,850	132,965	
		Scope2 (Market) ＊	Japan	t-CO_2	86,449	86,903	64,661	53,748	44,431	
			Overseas	t-CO_2	70,069	64,778	55,970	47,256	47,807	
			Total	t-CO_2	156,518	151,681	120,631	101,003	92,238	
		Data coverage rate		%	92.6%	91.1%	92.3%	99.9%	99.9%	
		Scope1+2 ＊	Location	t-CO_2	180,091	179,911	176,784	163,450	165,850	
			Market	t-CO_2	193,936	190,100	156,903	132,604	125,123	
		Data coverage rate		%	92.6%	91.1%	92.3%	99.9%	99.9%	
		Scope3	Total	t-CO2	137,175,146	80,561,863	76,761,105	67,390,239	115,905,294	
		Cat-01 Raw materials ＊		t-CO_2	351,365	406,638	1,095,515	1,295,085	2,477,920	Domestic sites only. Accuracy improved from FY2025 through expanded coverage and the use of intensity-based allocation factors.
		Cat-02 Capital goods ＊		t-CO_2	154,343	147,464	140,793	151,381	195,837	
		Cat-03 Energy consumption ＊		t-CO_2	21,349	26,955	26,712	26,158	26,372	
		Cat-04 Logistics (Upstream) ＊		t-CO_2	11,082	11,045	10,160	8,899	8,178	Excluding overseas
		Cat-05 Waste disposal ＊		t-CO_2	5,578	5,355	5,405	5,030	5,238	Excluding overseas
		Cat-06 Business travel ＊		t-CO_2	3,761	3,277	3,289	3,294	3,266	
		Cat-07 Commuting ＊		t-CO_2	11,138	11,322	12,264	10,210	10,798	
		Cat-08 Lease asset (Upstream)		t-CO_2	0	0	0	0	0	Calculated according to Scope 1 & 2
		Cat-09 Logistics (Downstream)		t-CO_2	—	—	—	—	—	Excluded
		Cat-10 Processing of products		t-CO_2	—	—	—	—	—	Exempt as processing form unable to be identified
		Cat-11 Use of products ＊		t-CO_2	136,614,107	79,946,933	75,463,187	65,887,134	113,004,957	
		Cat-12 Disposal of products		t-CO_2	—	—	—	—	—	Calculation method currently under review
		Cat-13 Lease asset (Downstream)		t-CO_2	—	—	—	—	—	Calculation method currently under review
		Cat-14 Franchises		t-CO_2	—	—	—	—	—	Not covered
		Cat-15 Investments		t-CO_2	2,422	2,873	3,780	3,048	172,728	Not subject to third-party verification
		Data coverage rate		%	96.5%	94.6%	94.9%	91.8%	93.6%	Coverage rate limited to Category 11
	CO2 emissions per basic unit			t-CO_2/million yen	0.21	0.22	0.15	0.12	0.12	
Response to Climate Change	Energy productivity		Japan	million yen/t-CO_2	6.0	6.3	7.0	7.2	7.2	Applicable to manufacturing division sales only
			Overseas	million yen/t-CO_2	3.0	3.2	3.5	3.3	3.5	Applicable to manufacturing division sales only
	Energy consumption	Fuel consumption	Japan	MWh	82,309	88,009	83,194	75,529	77,292	
			Overseas	MWh	110,457	108,570	91,463	85,009	92,646	
			Total ＊	MWh	192,766	196,579	174,657	160,538	169,938	
		Electric power consumption	Japan	MWh	168,587	175,323	179,706	176,225	175,123	
			Overseas	MWh	135,088	131,868	129,371	126,322	133,334	
			Total ＊	MWh	303,676	307,192	309,077	302,547	308,457	
		Cold/warm water	Japan	MWh	1,113	1,159	1,299	1,289	1,253	
			Overseas	MWh	9,136	8,147	9,387	10,118	7,997	

Environmental Data List

[Scope]The scope of non-financial data provided covers Sumitomo Heavy Industries Ltd., consolidated subsidiaries, and equity method affiliates. Context changes are duly noted in the report.

＊：Items Subject to Third-Party Assurance

Item					Unit	2021	2022	2023	2024	2025	Remarks
Response to Climate Change				Total ＊	MWh	10,249	9,306	10,686	11,407	9,250	
		Total ＊			MWh	506,691	513,077	494,421	474,493	487,646	
		Data coverage rate			%	92.6%	91.1%	92.3%	99.9%	99.9%	
	Renewable energy consumption	Solar power generation output		Japan	MWh	1,298	1,562	3,021	4,205	5,241	
				Overseas	MWh	0	141	1,394	2,191	7,470	
				Overall	MWh	1,298	1,703	4,415	6,396	12,711	
		Electricity purchased through renewable energy certificates		Japan	MWh	0	9,438	55,326	65,238	86,701	
				Overseas	MWh	0	3,062	12,876	19,329	18,563	
				Overall	MWh	0	12,500	68,202	84,567	105,263	
		Total			MWh	1,298	14,203	72,160	90,963	117,975	
		Energy recycling rate		Japan	%	0.8%	6.3%	32.5%	37.0%	49.5%	Ratio of solar and renewable energy to total electricity consumption
				Overseas	%	0.0%	2.4%	11.0%	15.3%	13.9%	
				Overall	%	0.4%	4.6%	23.5%	28.0%	34.1%	
		Data coverage rate			%	92.6%	91.1%	92.3%	99.9%	99.9%	
	Other major GHG	Total amount		Japan	t-CO_2	29.7	36.5	1,518.3	256.0	433.6	
				Overseas	t-CO_2	–	–	–	–	3.0	
		Methane (CH4)		Japan	t-CO_2	25.8	35.1	139.3	164.2	202.4	
				Overseas	t-CO_2	–	–	–	2.5	2.4	
		Dinitrogen monoxide (N2O)		Japan	t-CO_2	3.8	1.5	83.2	71.8	120.5	
				Overseas	t-CO_2	–	–	–	1.0	0.5	
		Hydrofluorocarbon compounds(HFCs)		Japan	t-CO_2	–	–	11.7	0.0	0.0	
				Overseas	t-CO_2	–	–	–	–	–	
		Sulfur hexafluoride (SF6)		Japan	t-CO_2	–	–	1,284.2	16.5	110.8	
				Overseas	t-CO2	–	–	–	–	–	
Waste Management	Amount of waste generated	Total A) + B) + C)	① Emissions	Japan	t	11,089	10,131	10,477	9,487	8,642	
				Overseas	t	33,301	30,255	28,264	26,179	22,781	
			② Final disposal amount	Japan	t	28	33	7	19	7	
				Overseas	t	124500.0%	92700.0%	72400.0%	86200.0%	62600.0%	
			③ Amount recycled	Japan	t	7,925	7,131	7,567	6,905	6,217	
		Data coverage rate		Japan	%	82.2%	84.5%	85.9%	82.1%	83.5%	Group-wide data coverage rate for ① and ②
		A) Japan Industrial waste generated	① Emissions	Japan	t	10,381	9,439	9,827	8,750	8,004	
			② Final disposal amount	Japan	t	28	32	7	4	7	
			③ Amount recycled (Total weight of recovered & recycled waste, etc.)	Japan	t	7,556	6,693	7,092	6,437	5,823	
			Amount of waste incinerated with energy recovered	Japan	t	2,573	2,327	2,265	1,969	1,859	
			Amount of waste incinerated without recovering energy	Japan	t	224	386	463	339	316	
		B) Japan Amount of hazardous waste generated	① Emissions	Japan	t	708	692	650	737	638	
			② Final disposal amount	Japan	t	0.1	0.2	0.2	14.5	0.2	
			③ Amount recycled (Total weight of recovered & recycled waste, etc.)	Japan	t	369	438	475	468	395	
			Amount of waste incinerated with energy recovered	Japan	t	222	208	145	157	150	
			Amount of waste incinerated without recovering energy	Japan	t	222	46	30	98	93	

Environmental Data List

[Scope]The scope of non-financial data provided covers Sumitomo Heavy Industries Ltd., consolidated subsidiaries, and equity method affiliates. Context changes are duly noted in the report.

＊：Items Subject to Third-Party Assurance

Item					Unit	2021	2022	2023	2024	2025	Remarks
Waste Management		Data coverage rate		Japan	t	44.7%	41.7%	47.8%	48.5%	48.6%	
		C) Overseas Amount of waste generated	① Emissions	Overseas	t	33,301	30,255	28,264	26,179	22,781	
			② Final disposal amount	Overseas		1,245	927	724	862	626	
			Data coverage rate	Overseas	t	32.6%	37.8%	33.0%	32.9%	34.9%	
	Non-disposed waste		Amount recycled, valuable resources	Japan	t	15,380	14,809	16,354	12,978	14,233	
			Data coverage rate	Japan	%	44.7%	41.7%	47.8%	48.5%	48.6%	
Disclosure under new Plastic Act	Amount of plastic waste generated		Emissions	Japan	t	1,419	1,310	1,243	1,040	1,012	SHI only; subsidiaries and affiliates excluded.
			Amount of waste incinerated with energy recovered (t)	Japan	t	435	437	422	424	337	SHI only; subsidiaries and affiliates excluded.
Water Resource Conservation	Water Consumption			Japan ＊	thousand m^3	1,165	1,129	1,070	1,160	1,166	
				Overseas＊	thousand m^3	376	381	366	369	351	All tap water
				Total＊	thousand m^3	1,541	1,510	1,436	1,529	1,517	
		Data coverage rate			%	76.5%	80.2%	82.0%	78.3%	81.3%	
		Tap water		Japan ＊	thousand m^3	362	355	331	349	359	
		Industrial water		Japan ＊	thousand m^3	618	613	604	615	618	Only amount used is counted
		Surface water		Japan ＊	thousand m^3	0	0	0	0	0	
		Underground water		Japan ＊	thousand m^3	185	161	135	195	189	
	Effluent			Japan ＊	thousand m^3	460	434	934	970	902	
				Overseas	thousand m^3	376	381	366	369	350	Not subject to third-party verification
				Total	thousand m^3	836	815	1,300	1,339	1,252	Not subject to third-party verification
		Data coverage rate			%	47.5%	43.6%	49.3%	49.2%	48.6%	
		Discharge to surface water		Japan	thousand m^3	—	—	—	112	101	
		Discharge to groundwater		Japan	thousand m^3	—	—	—	0	0	
		Discharge to seawater		Japan	thousand m^3	—	—	—	690	626	
		Water transferred to third parties		Japan	thousand m^3	—	—	—	168	175	
Water Resource Conservation	Amount discharged into water systems	COD			t	1.5	1.5	1.4	1.6	1.3	
		T-N			t	6.2	5.6	4.9	4.8	6.3	
		T-P			t	0.5	0.5	0.4	0.4	0.4	
		Data coverage rate			%	47.5%	43.6%	49.3%	49.2%	48.6%	
Chemical Substances	VOC	Total amount		Japan	t	507	525	443	567	551	
				Overseas	t	117	111	100	136	119	
				Total	t	623	636	544	703	670	
		Data coverage rate			%	86.0%	87.2%	86.6%	84.3%	85.3%	
		Ethylbenzene		Japan	t	149	154	163	247	229	
		Xylene		Japan	t	258	280	211	251	252	
		Toluene		Japan	t	100	91	69	68	70	
Environmental compliance	Number of major environmental incidents			Group-wide	Number of cases	0	0	0	0	0	
	Number of major environmental law/regulation violations			Group-wide	Number of cases	0	0	0	0	0	
	Number of penalties, fines, etc. paid			Japan	Number of cases	0	0	0	0	0	Cases where a ¥1 million or greater penalty or fine paid
				Overseas	Number of cases	0	0	0	0	0	Cases where US$1,000 or greater penalty charge or fine paid
Environmental investment	Environment & Energy-Saving Capital Investment	Environment-related		Group-wide	million yen	490	423	423	929	439	
		Manufacturing energy-related		Group-wide	million yen	—	—	685	316	865	Solar power generation-related expenses, etc.
		Energy-saving related		Group-wide	million yen	2,610	685	530	1,594	2,789	
		Total		Group-wide	million yen	3,100	1,108	1,638	2,840	4,093	

Environmental Data List

[Scope]The scope of non-financial data provided covers Sumitomo Heavy Industries Ltd., consolidated subsidiaries, and equity method affiliates. Context changes are duly noted in the report.

＊：Items Subject to Third-Party Assurance

Item				Unit	2021	2022	2023	2024	2025	Remarks
External assessments	External assessments	CDP	Climate change	–	B-	B	A-	A	B	
			Water security	–	B-	C	A-	B	A	
		Buna-no-Mori (Beech forest)		–	B	A	A	A	A	
		Assessment under Act on Rationalizing Energy		–	S	S	S	S	S	
		Energy saving assessment for specific tenants by Tokyo metropolitan government		–	AAA	AA	AA	A	—	Disclosure scheduled for the second half of FY2025.
Acquisition of ISO 14001 certification	Acquisition of ISO 14001 certification		Japan	Number of cases	37	35	35	36	31	SHI: by SBU; group companies: by legal entity. Branches and other offices excluded.
			Overseas	Number of cases	21	22	26	26	26	
			Total	Number of cases	58	57	61	62	57	
		Acquisition rate		%	79.4%	75.2%	79.8%	86.1%	80.3%	Calculations for FY2024 are based on the number of sites.