Environment

Environmental Accounting

Indicator		Unit	Data coverage	FY2021	FY2022	FY2023	FY2024	FY2025
Environmental Conservation Costs（Investment Amount）	Costs in Business Sites	Million JPY	AMADA Group (Domestic) *1	1,729	2,958	445	165	103
	《breakdown》 Antipollution Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	《breakdown》 Global Environmental Conservation Cost	Million JPY	AMADA Group (Domestic) *1	1,729	2,958	445	165	103
	《breakdown》 Resource Circulation Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Upstream/Downstream Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Management Activities Cost	Million JPY	AMADA Group (Domestic) *1	3	0	0	0	0
	Research and Development Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Social Activities Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Environmental Damage Restoration Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Environmental Conservation Cost and Others	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Total Environmental Conservation Costs (Investment Amount)	**Million JPY**	**AMADA Group (Domestic) *1**	**1,732**	**2,958**	**445**	**165**	**103**
Environmental Conservation Costs (Expense)	Costs in Business Sites	Million JPY	AMADA Group (Domestic) *1	214	323	225	234	211
	《breakdown》 Antipollution Cost	Million JPY	AMADA Group (Domestic) *1	32	46	29	28	34
	《breakdown》 Global Environmental Conservation Cost	Million JPY	AMADA Group (Domestic) *1	46	110	81	88	69
	《breakdown》 Resource Circulation Cost	Million JPY	AMADA Group (Domestic) *1	136	167	115	118	108
	Upstream/Downstream Cost	Million JPY	AMADA Group (Domestic) *1	0	0	1	0	0
	Management Activities Cost	Million JPY	AMADA Group (Domestic) *1	52	87	67	59	57
	Research and Development Cost *2	Million JPY	AMADA Group (Domestic) *1	2,544	4,281	2,677	5,300	5,714
	Social Activities Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Environmental Damage Restoration Cost	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Environmental Conservation Cost and Others	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
	Total Environmental Conservation Costs (Expense)	**Million JPY**	**AMADA Group (Domestic) *1**	**2,810**	**7,336**	**2,970**	**5,593**	**5,982**
Effects of Environmental Conservation	Reduction of CO_2 Emission at Business Sites	t-CO_2	AMADA Group (Domestic) *1	969	1,227	1,132	965	1,430
	Reduction of Waste Disposal	t	AMADA Group (Domestic) *1	53	108	112	129	26
	Economic Effects	Million JPY	AMADA Group (Domestic) *1	94	194	154	118	127

Environmental Contribution

Indicator		Unit	Data coverage	FY2021	FY2022	FY2023	FY2024	FY2025
Amada Eco Products *3	Unit Sales	Unit	Consolidated	3,200	3,500	3,900	3,400	3,079
	Amada Eco-Products Unit Ratio	%	Consolidated	56	61	63	62	62
	Sales Amount	Million JPY	Consolidated	119,533	143,591	162,551	155,811	147,377
	Amada Eco-Products Sales Ratio	%	Consolidated	84	87	87	87	88

Environmental Data

Indicator (Input)		Unit	Data coverage	FY2021	FY2022	FY2023	FY2024	FY2025
Energy	Non-renewable Energy	MWh	AMADA Group (Domestic) *1	66,216	0	0	0	0
	Renewable Energy (purchased)	MWh	AMADA Group (Domestic) *1	0	67,004	64,609	61,108	61,641
	Renewable Energy (self-generated+PPA)	MWh	AMADA Group (Domestic) *1	605	614	786	1,021	2,136
	City Gas	1,000 ㎥	AMADA Group (Domestic) *1	796	832	902	730	716
	LPG	t	AMADA Group (Domestic) *1	213	220	199	200	197
	Heavy Oil	kℓ	AMADA Group (Domestic) *1	27	21	29	30	33
	Kerosene	kℓ	AMADA Group (Domestic) *1	591	515	424	446	476
	Gasoline	kℓ	AMADA Group (Domestic) *1	6	3	5	4	4
	Diesel Oil	kℓ	AMADA Group (Domestic) *1	11	10	9	7	6
	Non-renewable Energy	MWh	Overseas Subsidiaries Consolidated *4	34,837	33,801	35,655	33,119	33,287
	Renewable Energy (purchased)	MWh	Overseas Subsidiaries Consolidated *4	8,997	4,024	5,601	7,121	5,837
	Renewable Energy (self-generated)	MWh	Overseas Subsidiaries Consolidated *4	136	218	143	253	322
	Natural Gas	1,000 ㎥	Overseas Subsidiaries Consolidated *4	1,271	1,358	1,357	1,335	1,104
	LPG	t	Overseas Subsidiaries Consolidated *4	111	39	22	27	20
	Heavy Oil	kℓ	Overseas Subsidiaries Consolidated *4	9	0	0	0	0
	Kerosene	kℓ	Overseas Subsidiaries Consolidated *4	0	0	0	0	0
	Gasoline	kℓ	Overseas Subsidiaries Consolidated *4	55	0	0	0	0
	Diesel Oil	kℓ	Overseas Subsidiaries Consolidated *4	168	47	30	12	4
	Biomass	MWh	Overseas Subsidiaries Consolidated *4	987	1,080	1,430	1,162	1,400
	Hot Water	Gcal	Overseas Subsidiaries Consolidated *4	229	235	234	259	281
	Total Energy Consumption	**GWh**	**Consolidated**	**151**	**144**	**142**	**136**	**134**
	The ratio of renewable electricity consumption	**%**	**Consolidated**	**8.8**	**68.0**	**66.6**	**67.7**	**67.8**
Water	City Water	1,000 ㎥	AMADA Group (Domestic) *1	42	44	46	43	38
	Groundwater	1,000 ㎥	AMADA Group (Domestic) *1	174	149	67	75	71
	Total Water Withdrawal	1,000 ㎥	AMADA Group (Domestic) *1	215	193	113	117	110
	Total Water Withdrawal	1,000 ㎥	Overseas Subsidiaries Consolidated *4	142	133	135	127	132

Environmental Data

Indicator (Output)			Unit	Data coverage	FY2021	FY2022	FY2023	FY2024	FY2025
GHG	CO_2 Emissions	Scope 1+2	$t\text{-}CO_2$	AMADA Group (Domestic) *1	31,675	3,892	3,620	3,323	3,362
		《breakdown》 Scope 1	$t\text{-}CO_2$	AMADA Group (Domestic) *1	4,001	3,892	3,620	3,323	3,362
		《breakdown》 Market-based Scope 2	$t\text{-}CO_2$	AMADA Group (Domestic) *1	27,674	0	0	0	0
		for reference: Location-based	$t\text{-}CO_2$	AMADA Group (Domestic) *1	30,005	29,549	28,299	25,849	26,074
		Scope 1+2	$t\text{-}CO_2$	Overseas Subsidiaries Consolidated *4	14,917	12,986	12,150	11,055	10,112
		《breakdown》 Scope 1	$t\text{-}CO_2$	Overseas Subsidiaries Consolidated *4	4,068	3,338	3,130	3,013	2,425
		《breakdown》 Market-based Scope 2	$t\text{-}CO_2$	Overseas Subsidiaries Consolidated *4	10,849	9,648	9,021	8,042	7,687
		for reference: Location-based	$t\text{-}CO_2$	Overseas Subsidiaries Consolidated *4	17,887	14,650	12,597	12,076	10,518
		Scope 1+2	**$t\text{-}CO_2$**	**Consolidated**	**46,592**	**16,878**	**15,770**	**14,378**	**13,474**
		《breakdown》 Scope 1	$t\text{-}CO_2$	Consolidated	8,069	7,230	6,749	6,336	5,787
		《breakdown》 Market-based Scope 2	$t\text{-}CO_2$	Consolidated	38,523	9,648	9,021	8,042	7,687
		for reference: Location-based	$t\text{-}CO_2$	Consolidated	47,892	44,199	40,896	37,925	36,593
		Scope 1+2 Intensity	$t\text{-}CO_2$/Revenue billion yen	Consolidated	149.0	46.2	39.1	36.2	30.8
		Scope 1+2 Energy Intensity ※5	$t\text{-}CO_2$/GWh	Consolidated	309	118	111	106	101
		Scope 3	**$t\text{-}CO_2$**	**Consolidated**	**1,942,035**	**2,184,806**	**2,232,560**	**1,915,688**	**1,880,974**
		Category 1: Purchased Products and Services	$t\text{-}CO_2$	Consolidated	1,472,466	1,690,332	1,770,921	1,570,758	1,561,657
		Category 2: Capital Goods	$t\text{-}CO_2$	Consolidated	60,252	89,203	62,085	34,765	34,527
		Category 3: Fuel and Energy-related Activities not Included in Scope 1 or 2	$t\text{-}CO_2$	Consolidated	8,702	8,690	8,944	8,523	8,356
		Category 4: Transportation and Delivery (upstream)	$t\text{-}CO_2$	Consolidated	7,923	8,629	9,442	8,921	11,842
		Category 5: Waste from Business	$t\text{-}CO_2$	Consolidated	13,727	13,842	14,634	12,399	11,557
		Category 6: Business Trips	$t\text{-}CO_2$	Consolidated	8,863	10,134	10,588	11,076	10,975
		Category 7: Employee Commuting	$t\text{-}CO_2$	Consolidated	4,030	4,097	4,102	4,098	4,114
		Category 8: Lease Assets (upstream)	$t\text{-}CO_2$	Consolidated	8,983	8,064	8,313	8,748	8,686
		Category 9: Transportation and Delivery (downstream)	$t\text{-}CO_2$	Consolidated	-	-	-	-	-
		Category 10: Processing of Sold Products	t-CO2	Consolidated	-	-	-	-	-
		Category 11: Use of Sold Products	$t\text{-}CO_2$	Consolidated	346,291	345,141	337,570	250,449	223,123
		Category 12: Disposal of Sold Products	t-CO2	Consolidated	1,348	1,450	1,424	1,140	1,306
		Category 13: Lease Assets (downstream)	$t\text{-}CO_2$	Consolidated	9,451	5,224	4,538	4,812	4,831
		Category 14: Franchise	t-CO2	Consolidated	-	-	-	-	-
		Category 15: Investment	$t\text{-}CO_2$	Consolidated	-	-	-	-	-
Water		Discharge	1,000 ㎥	AMADA Group (Domestic) *1	103	92	88	103	103
		Discharge	1,000 ㎥	Overseas Subsidiaries Consolidated *4	92	93	98	79	105
Waste		Total Emissions of Waste	t	AMADA Group (Domestic) *1	4,203	4,336	4,293	3,754	3,677
		Amount of Waste Recycled	t	AMADA Group (Domestic) *1	4,102	4,236	4,179	3,651	3,590
		Amount of Waste Incineration	t	AMADA Group (Domestic) *1	73	79	93	85	75
		Amount of Waste Landfilled	t	AMADA Group (Domestic) *1	28	21	22	18	12
		Zero Emission Rate (Landfill Disposal Rate)	%	AMADA Group (Domestic) *1	0.66	0.49	0.50	0.49	0.33
		Total Emissions of Waste	t	Major overseas Production Sites *6	2,517	2,389	2,754	2,261	2,120
		Amount of Waste Recycled	t	Major overseas Production Sites *6	1,460	1,732	2,206	1,905	1,797
		Amount of Waste Incineration, Others	t	Major overseas Production Sites *6	401	89	100	110	112
		Amount of Waste Landfilled	t	Major overseas Production Sites *6	656	568	448	246	211
		Zero Emission Rate (Landfill Disposal Rate)	%	Major overseas Production Sites *6	26.06	23.78	16.28	10.88	9.94
Chemical Substances		Chemical Substances (Subject to the PRTR law *7) Emissions *8	t	AMADA Group (Domestic) *1	56	77	126	101	89
		NOx	t	AMADA Group (Domestic) *1	3.6	4.5	0.8	0.6	0.5
		SOx	t	AMADA Group (Domestic) *1	0	0	0	0	0

Environmental Management System

	Unit	Data coverage	FY2021	FY2022	FY2023	FY2024	FY2025
ISO 14001 Certified Sites *9	Sites	Domestic *10	10	10	10	10	12
ISO 14001 Certified Sites *9	Sites	Overseas	5	5	5	5	5
Environmental Fines	Million JPY	AMADA Group (Domestic) *1	0	0	0	0	0
Accidents / Pollution that May Cause Environmental Problems		AMADA Group (Domestic) *1	0	0	0	0	0
Environment-related Complaints		AMADA Group (Domestic) *1	0	0	0	0	0

	-	Data coverage	FY2021	FY2022	FY2023	FY2024	FY2025
Third-Party Assurance *11	-	Covered domestic consolidated companies until FY2021 (*1). Added overseas consolidated companies from FY2022 (*4).	obtained	obtained	obtained	obtained	obtained

Notes

These data are recalculated retroactively in case of changes in aggregation method.

*1 All domestic consolidated subsidiaries are included,with the exception of H&F Corporation and Via Mechanics, Ltd. The number of companies is provided on the Amada official website. (https://www.amada.co.jp/en/corporate/profile/)

*2 From FY2021, personnel expenses for R&D are included. From FY2024, the scope is expanded beyond Eco-Products to cover R&D expenses related to improving and energy saving across all products.

*3 At Amada, we conduct product assessments on "energy saving", "resource saving", "recycling", "material usage restrictions", "environmental considerations upon use", "streamlined packaging", and rationalization," and "information provision" for all the developed products. Among eco-friendly products, those that assessment result have significantly improved compared with their previous their previous models are declared as Amada Eco-Products.
Details: https://www.amada.co.jp/en/sustainability/environment/eco_products/
Note that Genefab products are not included in the Eco-Products.

*4 All overseas consolidated subsidiaries are included,with the exception of H&F Corporation and Via Mechanics, Ltd. The number of companies is provided on the Amada official website. (https://www.amada.co.jp/en/corporate/profile/)

*5 CO_2 emissions of the Amada Group (Domestic + Overseas) ÷ Total Energy Consumption

*6 The main seven overseas manufacturing sites of the Amada Group (3 in the United States, 2 in France, 1 in Austria, and 1 in China).

*7 PRTR Law: Law that aims to promote reporting and management of specific chemical substances

*8 The target substances have been expanded from FY2023. Calculation methods are partially revised.

*9 Details on ISO14001 certified sites are on the website:
https://www.amada.co.jp/en/sustainability/environment/management/

*10 This applies to the locations of domestic consolidated subsidiaries, excluding Via Mechanics, Ltd.

*11 The third-party assurance report is available on the website:
https://www.amada.co.jp/pdf/en/sustainability/index/assurance.pdf

(Calculation Standards for Environmental Data FY2025)

			Unit	Calculation Standards
Energy		Total Energy Consumption	GWh	Energy = (Fuel, Electricity, etc) × Energy Conversion Factor Fuel Conversion Factor: [Until FY2022] Calculated using the "Simplified Calculation Table for Energy Consumption (Crude Oil Equivalent) for FY2020" from the Agency for Natural Resources and Energy, then converted to GWh. [From FY2023] Calculated using the "Crude Oil Conversion Tool (Revised 2022 Version)" from the Agency for Natural Resources and Energy, then converted to GWh.
GHG	CO_2 Emissions	CO_2 Emissions (Scope 1+2 : Domestic)	t-CO_2	CO2 Emissions = Amount of Purchased Energy × CO2 Emission Factor CO2 Emission Factors: Electricity: [Market-based] The emission factor of the power company used at each site from the "Emission Factors by Electric Utility" issued by the Ministry of the Environment and Ministry of Economy, Trade and Industry on February 25, 2026. [Location-based] The national average emission factor from the same document. Fuel: Ministry of the Environment and Ministry of Economy, Trade and Industry, "List of Calculation Methods and Emission Factors for the Calculation, Reporting, and Disclosure System," updated on December 12, 2023 (partially revised on January 16, 2024).
		CO_2 Emissions (Scope 1+2 : Overseas)	t-CO_2	CO2 Emissions = Amount of Purchased Energy × CO2 Emission Factor CO2 Emission Factors: Electricity: [Market-based] CO2 emission factors published by the preferred power company, factors published by public institutions in each country, or the latest values from IEA Emission Factors 2025 (issued in September 2025). [Location-based] Factors published by public institutions in each country or the latest values from IEA Emission Factors 2025 (issued in September 2025). Fuel: In principle, apply the "List of Calculation Methods and Emission Factors for the Calculation, Reporting, and Disclosure System" (updated December 12, 2023; partially revised January 16, 2024). If the regional emission factors for the site are known, they are given priority.
		Scope3	t-CO_2	
		Category 1	t-CO_2	Procured Products and Services: (Procurement Amount × Emission Factor) - (Procurement Amount of Group Companies × Emission Factor)
		Category 2	t-CO_2	Capital Goods: Total Capital Investment × Emission Factor
		Category 3	t-CO_2	Fuel and Energy-Related Activities Not Included in Scope 1 and 2: Purchased Fuel Amount × Upstream Emission Factor + Purchased Electricity Amount × Upstream Emission Factor
		Category 4	t-CO_2	Transportation and Distribution (Upstream): Company Transport Amount (ton-kilometers) × Emission Factor (calculated based on sales ratio for overseas)
		Category 5	t-CO_2	Waste from Business Operations: Waste Amount × Emission Factor
		Category 6	t-CO_2	Business Travel: Travel Expenses × Emission Factor (calculated based on the number of people for overseas)
		Category 7	t-CO_2	Employee Commute: Commuting Expenses × Emission Factor (calculated based on the number of people for overseas)
		Category 8	t-CO_2	Fuel Used for Leased Vehicles × Emission Factor (calculated based on sales ratio for overseas)
		Category 9	t-CO_2	
		Category 10	t-CO_2	
		Category 11	t-CO_2	Use of Sold Products: Number of Units Sold per Product Category × Energy Consumption × Product Lifetime (10 years) × Emission Factor
		Category 12	t-CO_2	Disposal of Sold Products: Number of Units Sold × Emission Factor
		Category 13	t-CO_2	Scope 1 and 2 for Rental Properties: Amount of Purchased Fuel × Emission Factor + Amount of Purchased Electricity × Emission Factor
		Category 14	t-CO_2	
		Category 15	t-CO_2	
		Emission Factors Used		C1: Environmental Load Intensity Data Book Based on the Input-Output Table (3EID) 2015 C2, C3 (Electricity), C4, C5, C6, C7: Ministry of the Environment's Emission Factor Database for Calculating Greenhouse Gas Emissions through the Supply Chain (Ver 3.6) C3 (Fuel): LCI Database IDEA version 3.5.1 C4: Guidelines for Calculation Methods of CO_2 Emissions in the Logistics Sector by the Ministry of Economy, Trade and Industry and Ministry of Land, Infrastructure, Transport and Tourism C8: List of Calculation Methods and Emission Factors in the System for Calculation, Reporting, and Public Disclosure by Ministry of the Environment C11: List of Emission Factors by Electric Power Utility (Announced on February 25, 2026.) for sales in Japan. Latest values from IEA Emission Factors 2025 (issued in September 2025) for sales outside Japan. C12: Self-calculated Emissions per Unit Disposal C13 (Electricity): List of Emission Factors by Electric Power Utility by the Ministry of the Environment and Ministry of Economy, Trade and Industry (Issued on February 25, 2026.) C13 (Fuel): List of Calculation Methods and Emission Factors in the System for Calculation, Reporting, and Public Disclosure by the Ministry of the Environment and Ministry of Economy, Trade and Industry (Updated on December 12, 2023, with partial corrections on January 16, 2024)