

Environmental Data

Overview of the business activities and environmental footprint of the complete supply chain

INPUT

Energy	111,289KL		
Gasoline:	494KL		
Kerosene:	367KL	LPG:	4,801tons
Light oil:	1,175KL	LNG:	0tons
Heavy oil:A:	15,147KL	City gas:	13,658,413m ³
Heavy oil:B・C:	0KL	Amount of Electric:	279,594,319kWh

Water Resources	6,205,158m³
Clean water:	1,686,925m ³
Industrial water:	1,364,802m ³
Groundwater:	3,153,431m ³
Surfacewater:	0m ³

Materials

Marine products,
Meat products and Agricultural
products

Packaging materials:Cardboard,Cans,
Packaging film,etc.

OUTPUT

Emissions	
Energy-related	232,053tons
Refrigerant derived	28,837tons
CO ₂ emissions(Scope 1,2)	
Scope 1	87,062tons
Scope 2	144,991tons

Drainage	1,508,317m³
Sewerage	783,640m ³
Areas of Public Waters:	724,677m ³

【Scope of survey】 Production plant of Maruha Nichiro Corporation

Waste	54,489tons
Industrial waste:	22,751tons
Special controlled industrial waste:	36tons
General waste:	3,585tons
Valuables:	28,117tons

【Scope of survey】 Group companies in Japan

Amount of energy used and volume of CO₂ emitted

		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CO ₂ Emissions	Total (t-CO ₂) (Scope 1 + 2)	254,423	244,399	252,215	245,699	248,686	232,053
	Scope 1 (t-CO ₂)	95,913	88,567	101,839	97,833	99,027	87,062
	Scope 2 (t-CO ₂)	158,510	155,832	150,377	147,867	149,659	144,991
	Scope 3 (t-CO ₂)	—	—	—	—	—	6,199,068
	Category 1: Raw materials	—	—	—	—	—	4,147,425
	Category 2: Capital goods	—	—	—	—	—	25,883
	Category 3: Production	—	—	—	—	—	22,324
	Category 4: Transport	—	—	—	—	—	287,370
	Category 5: Waste generated in operations	—	—	—	—	—	7,099
	Category 6: Business travel	—	—	—	—	—	775
	Category 7: Employee commuting	—	—	—	—	—	3,450
	Category 8: Upstream leased assets	—	—	—	—	—	not applicable
	Category 9: Downstream transportation and distribution	—	—	—	—	—	454,355
	Category 10: Processing of sold products	—	—	—	—	—	288,832
	Category 11: Use	—	—	—	—	—	937,398
	Category 12: Disposal	—	—	—	—	—	24,156
Category 13: Downstream leased assets	—	—	—	—	—	not applicable	
Category 14: Franchises	—	—	—	—	—	not applicable	
Category 15: Investments	—	—	—	—	—	not applicable	
Amount of energy used	Total (Crude oil equivalent : kL)	118,438	113,658	115,854	113,070	115,173	111,289
	Gasoline (kL)	702,79816	670,811857	617,01481	486,72449	496,90846	493,90193
	Kerosene (kL)	745,96411	769,38076	479,92674	440,97449	416,49843	366,75005
	Light Oil (kL)	1,174	1,212	1,198	1,264	1,098	1,175
	Heavy Oil A (kL)	14,788	12,476	18,821	17,839	18,243	15,147
	Heavy Oil B・C (kL)	442.2	453.6	348.65	0	0	0
	LPG (t)	5,017	5,005	4,687	4,913	4,938	4,801
	LNG (t)	0	0.01	0	0	0	0
	City Gas (1,000m ³)	14,674	14,244	13,449	13,122	13,348	13,658
	Electric (1,000kWh)	299,417	293,129	283,694	278,758	283,341	279,594

【Scope of survey】 Group companies in Japan

Waste emissions, Recycling

		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Waste emissions	Total (t)	60,458	60,517	58,253	54,350	55,061	54,489
	Industrial waste (t)	29,070	27,674	27,516	25,876	25,651	22,751
	Special controlled industrial waste (t)	42.87	31,759	32,213	33,848	11,716	35,884
	General waste (t)	1,957	2,278	3,177	2,440	2,479	3,585
	Valuables (t)	29,387	30,533	27,528	26,001	26,919	28,117
Recycling waste(%)		95.7%	95.9%	95.0%	95.7%	95.8%	97.2%

【Scope of survey】 Group companies in Japan

Water use

		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Water use	Total (1,000m ³)	6,412	6,291	5,850	5,712	6,000	6,205
	Clean water (1,000m ³)	1,898	1,824	1,739	1,750	1,759	1,687
	Industrial water (1,000m ³)	1,443	1,400	1,335	1,318	1,314	1,365
	Ground water (1,000m ³)	3,068	3,049	2,776	2,645	2,927	3,153
	Surface water (1,000m ³)	3,527	17.86	0	0	0	0

【Scope of survey】 Group companies in Japan

Drainage

		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Drainage	Total (1,000m ³)	1,600	1,497	1,522	1,548	1,452	1,508
	Sewerage (1,000m ³)	640	557	570	679	651	784
	Areas of Public Waters (1,000m ³)	960	939	951	869	801	725

【Scope of survey】 Production plant of Maruha Nichiro Corporation