

## Environmental Data

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

### INPUT

<b>Energy</b>	<b>111,793kL</b>		
Gasoline:	528kL		
Kerosene:	367kL	LPG:	4,801tons
Light oil:	1,177kL	LNG:	0tons
Heavy oil-A:	15,147kL	City gas:	13,658,413m <sup>3</sup>
Heavy oil-B - C:	0kL	Amount of Electric:	281,430,819kWh

<b>Water Resources</b>	<b>6,205,158m<sup>3</sup></b>
Clean water:	1,686,925m <sup>3</sup>
Industrial water:	1,364,802m <sup>3</sup>
Groundwater:	3,153,431m <sup>3</sup>
Surfacewater:	0m <sup>3</sup>

### Materials

Marine products,  
Meat products and Agricultural products

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

### OUTPUT

<b>Emissions</b>	
<b>Energy-related</b>	<b>237,146tons</b>
Refrigerant derived	28,941tons
CO <sub>2</sub> emissions (Scope 1,2)	
Scope 1	91,087tons
Scope 2	146,058tons

<b>Drainage</b>	<b>1,508,317m<sup>3</sup></b>
Sewerage	783,640m <sup>3</sup>
Areas of Public Waters:	724,677m <sup>3</sup>

[Scope of survey] Production plant of Maruha Nichiro Corporation

<b>Waste</b>	<b>54,574tons</b>
Industrial waste:	22,765tons
Special controlled industrial waste:	36tons
General waste:	3,585tons
Valuables:	28,187tons

[Scope of survey] Group companies in Japan

### Amount of energy used and volume of CO<sub>2</sub> emitted

		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
CO <sub>2</sub> Emissions	Total (t-CO <sub>2</sub> ) (Scope 1+2)	254,423	244,399	252,217	245,536	248,803	237,146
	Scope 1 (t-CO <sub>2</sub> )	95,913	88,568	101,840	97,804	99,027	91,087
	Scope 2 (t-CO <sub>2</sub> )	158,510	155,831	150,376	147,732	149,776	146,058
	Scope 3 (t-CO <sub>2</sub> )	—	—	—	—	—	5,813,398
	Category 1: Raw materials	—	—	—	—	—	3,900,278
	Category 2: Capital goods	—	—	—	—	—	28,511
	Category 3: Production	—	—	—	—	—	37,852
	Category 4: Transport	—	—	—	—	—	287,370
	Category 5: Waste generated in operations	—	—	—	—	—	7,099
	Category 6: Business travel	—	—	—	—	—	1,464
	Category 7: Employee commuting	—	—	—	—	—	4,878
	Category 8: Upstream leased assets	—	—	—	—	—	not applicable
	Category 9: Downstream transportation and distribution	—	—	—	—	—	295,482
	Category 10: Processing of sold products	—	—	—	—	—	288,908
	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	113,659	115,854	113,005	115,197	111,793
	Gasoline (kL)	702,79816	670,811857	617,01481	486,72449	496,90846	528,18683
	Kerosene (kL)	745,98411	789,38076	479,92674	440,97449	416,49843	366,75095
	Light Oil (kL)	1,174	1,212	1,198	1,264	1,098	1,177
	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 <sup>3</sup> )	14,674	14,244	13,450	13,110	13,348	13,658
	Electric (1,000kWh)	299,417	293,128	283,694	278,564	283,436	281,431

[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	54,574
	Industrial waste (t)	29,070	27,674	27,516	25,876	25,651	22,765
	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	28,187
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 <sup>3</sup> )	6,412	6,291	5,850	5,712	6,000	6,205
	Clean water (1,000m <sup>3</sup> )	1,898	1,824	1,739	1,750	1,759	1,687
	Industrial water (1,000m <sup>3</sup> )	1,443	1,400	1,335	1,318	1,314	1,365
	Ground water (1,000m <sup>3</sup> )	3,068	3,048	2,776	2,645	2,927	3,153
	Surface water (1,000m <sup>3</sup> )	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 <sup>3</sup> )	1,600	1,497	1,522	1,548	1,452	1,508
	Sewerage (1,000m <sup>3</sup> )	640	557	570	679	651	784
	Areas of Public Waters (1,000m <sup>3</sup> )	960	939	951	869	801	725

[Scope of survey] Production plant of Maruha Nichiro Corporation