2024

Raw materials

GRI 301-1,2/302-1,3,4/303-1,3,4,5/305-7/306-1,3,4,5

The standing of environmental loads ensuing from business activities by the NOF Group in fiscal 2023 is shown below.

Main environmental performance

NOF Group

INPUT



Total energy input 2.909 million GJ

Electric power · · · · 145 million kwh Fuel · · · · · · · 902 thousand GJ Steam · · · · · 750 thousand GJ



Water resource input

8.358 million m³

City water ······ 2.103 million m³ Industrial water ··· 4.923 million m³ Groundwater ···· 1.332 million m³



Total substance input

248 thousand tons

Raw materials ···· 234 thousand tons
Containers and packing materials
····· 13 thousand tons

Circulatory use

Internally recycled quantity1 thousand tons

Heat recovered80 thousand GJ

NOF Group

Greenhouse gas emissions*2 (due to production activities)
159 thousand tons

Energy-related $CO_2 \cdots 143$ thousand tons 5.5 gas from other sources*3 \cdots 17 thousand tons



Emissions into atmosphere 69 tons

SOx	···· 8 tons
NOx	58 tons
Soot and dust 3 tons	



Emission of chemicals 225 tons

PRTR Act-controlled substances
.....167 tons
Voluntarily-controlled substances
.....58 tons



Total wastewater 6.090 million m³

Into public waters ··· 6.081 million m³
Into sewerage ··· 9 thousand m³
BOD ···· 74 tons
COD ··· 171 tons

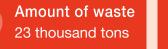
OUTPUT

Transport

Products ····· 209 thousand tons CO₂ emissions from transport*1 ··· 10 thousand tons*4

- *1 Total for the Domestic Group (NOF and 12 consolidated subsidiaries)
- *2 The calculation period of greenhouse gas emission volumes is the fiscal year for gases other than chlorofluorocarbons (PFC, etc.) and the calendar year for chlorofluorocarbons (PFC, etc.).
- *3 The 5.5 gas refers to the 6 types of greenhouse gas less 0.5 (types) for energy-related CO₂.
- *4 CO₂ counts involved in transportation do not include part of the carried volume attributable to JAPEX Corp.

OUTPUTEnvironmental loads



Externally recycled amount \cdots 14 thousand tons Final disposal volume by landfill \cdots 617 tons

Raw materials

Policy (our fundamental view)

The NOF Group prioritizes conducting the following efforts as resource circulation initiatives.

- (1) Promotion of the sale of valuable waste and internal processing: We sell waste as valuable resources and actively promote internal processing. This promotes the efficient use of resources through the reuse and recycling of waste.
- (2) Reduction of waste generated by maintaining separate disposal and improving processes: By maintaining separate waste disposal and

- improving processes, we are reducing the amount of waste generated. This initiative prevents resources from going to waste and ensures their efficient use.
- (3) Ongoing search for recycling processing contractors as well as processing implementation: We work continuously with recycling and disposal contractors and actively implement waste recycling processing. This initiative promotes the reuse of resources, efficient use of resources, and reduction of waste.

(4) Landfill reduction through recycling of existing waste: By recycling existing waste, we are reducing disposal into landfills. Through this initiative, we are effectively utilizing resources and contributing to the reduction of waste and environmental impact.

Work toward saving resources

In fiscal 2023, the NOF Group generated 133,523 tons of waste, of which 82.4% was reduced through internal weight reduction measures and 16.9% was outsourced for external processing. As for the breakdown of the waste externally processed via outsourcing, 10.8% was recycled externally, 5.6% was reduced externally, and 0.5% was disposed via landfills, for a recycling rate of 11.5% of the total waste generated.

As part of our resource circulation efforts, we are improving processes to increase yield and reduce the amount of waste generated, promoting the sale of valuable waste and internal processing, recycling existing waste for landfill reduction, maintaining separate disposal and reducing waste generated, and continuously searching for plastic waste recycling and disposal contractors and advancing processing by them. We will continue to actively work to promote resource circulation, reduce waste, and lessen our environmental impact.

