

GHG Inventory Data in FY2023

Company Name	Nomura-Sangyo Co., LTD
Occupation	sheet metal processing
Address	Head office/Fuchu factory 1-13-3 Nishihara-cho Fuchu-city Tokyo Iwate factory 128 Motosugi Maesawa Oshu-city Iwate
Number of employees	80 (Head office 24, Iwate factory 56)

CO2 reduction target is 4.2%/year.

Basic unit is kg-CO2/million yen (kg-CO2/M yen).

Fiscal year is from 1/May to next 30/April.

Base year is 2019.

CO2 reduction result in FY2023

We could achieve the CO2 reduction target in FY2023.

Following tables show the discharged CO2 ratios to FY2019 (base line).

“Scope-1” and “Scope-2” are simple ratios to generated amount for each item

For scope-1, the ratio slightly increased. Main factor is the exchange some air conditioning devices in Iwate factory (fuel; kerosene → LPG). The conversion of LPG is larger than kerosene, but new devices need low electricity. On the other hand, we achieved reduction of gasoline in Iwate factory.

For scope-2, we executed several countermeasures as below.

Installed the high efficiency device (laser cutting; CO2 laser → fiber laser, Iwate)

Installed the solar powers (head office and Iwate), and the threshold optimization (Iwate)

Switching other electric power company that has lower conversion CO2 factor (Iwate)

“Total” is basic unit; discharged CO2 amount / Sales

In order to eliminate the influence of sales and/or amount of production

As you can see the following, we could achieve the CO2 reduction plan in FY2023.

1, Scope-1

Specific items; shipping, air conditioning

		FY2019	FY2023
Head Office /Fuchu Factory	Gasoline	1.00	1.05
	Light Oil	1.00	1.09
	Kerosene	---	---
	LPG	---	---
Iwate Factory	Gasoline	1.00	0.32
	Light Oil	1.00	1.00
	Kerosene	1.00	0.46
	LPG	1.00	1.72
Total		1.00	1.03

2, Scope-2

		FY2019	FY2023
Head Office /Fuchu Factory	Electricity	1.00	0.60
Iwate Factory		1.00	0.45
Total		1.00	0.46

3, Total

In order to eliminate the influence of sales and/or amount of production, we shall use basic unit.

Basic unit = discharged CO2/sales (kg-CO2/M yen)

		FY2019	FY2023
Head Office And Iwate Factory	total	1.00	0.60

Our target in FY2023 is 0.83, and 0.54 in FY2030.

We achieved this target in FY2023, and concerning the remaining 0.06 in FY2030, we have some plan to catch up with this number. However, for example, in case of the production amount will shrink, scope-1 will be the serious factor for the risk of not achieving the plan.

The charge of SBT and this GHG Inventory Data is Jun Saito of the factory manager, Iwate factory, Nomura-sangyo Co., LTD.