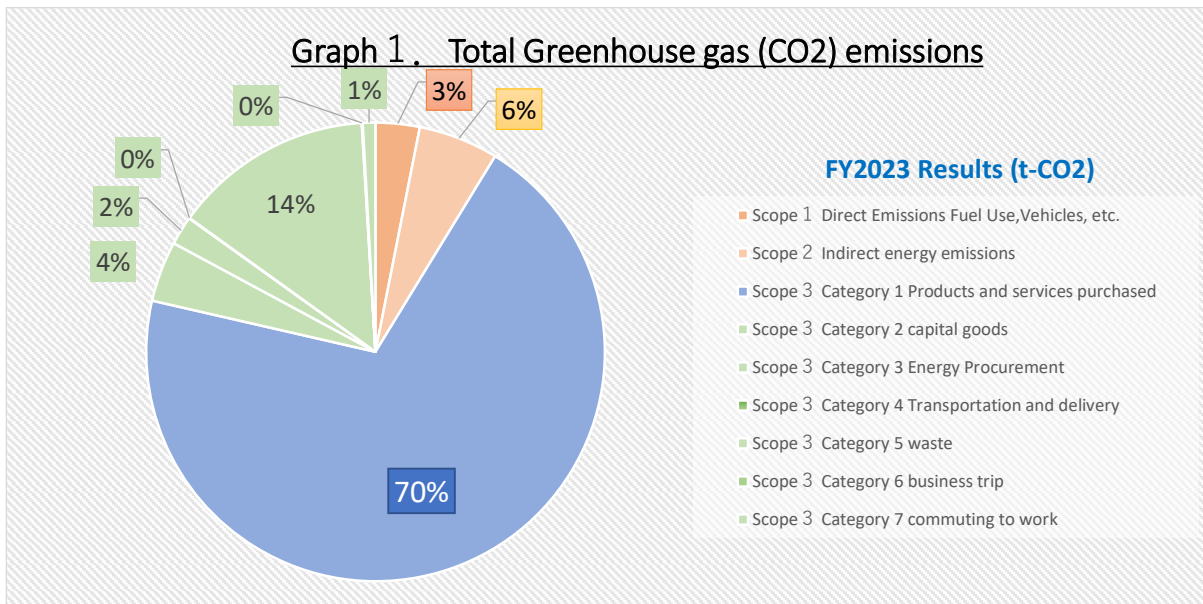


## Greenhouse Gas (CO2) Emissions(FY 2023)

(Unit: t-CO2)

			FY2023 Actual	Ratio	Calculation Method
Scope 1	Direct Emissions	Fuel Use,Vehicles, etc.	1,566.0	3.1%	Fuel consumption under the Act on the Rational Use of Energy, own vehicles
Scope 2	Indirect energy emissions		2,850.9	5.6%	Energy Conservation Law Purchased Electricity
Scope 3	Category 1	Products and services purchased	35,286.7	69.9%	Purchased raw material costs
		2 capital goods	2,151.7	4.3%	Depreciation and amortization
		3 Energy Procurement	1,032.3	2.0%	Purchased Electricity
		4 Transportation and delivery	15.8	0.0%	In-house raw material delivery and shipping delivery
		5 waste	7,118.3	14.1%	Weight by waste type
		6 business trip	32.8	0.1%	Number of Employees
		7 commuting to work	456.6	0.9%	Number of Employees
total amount			50,510.9	100.0%	



### ★Greenhouse gas emission reduction targets(SBTi approval: Mar 2023)

**” We commit to reduce scope 1 and scope 2 GHG emissions 42% by 2030 from a 2021 base year, and to measure and reduce its scope 3 emissions.”**

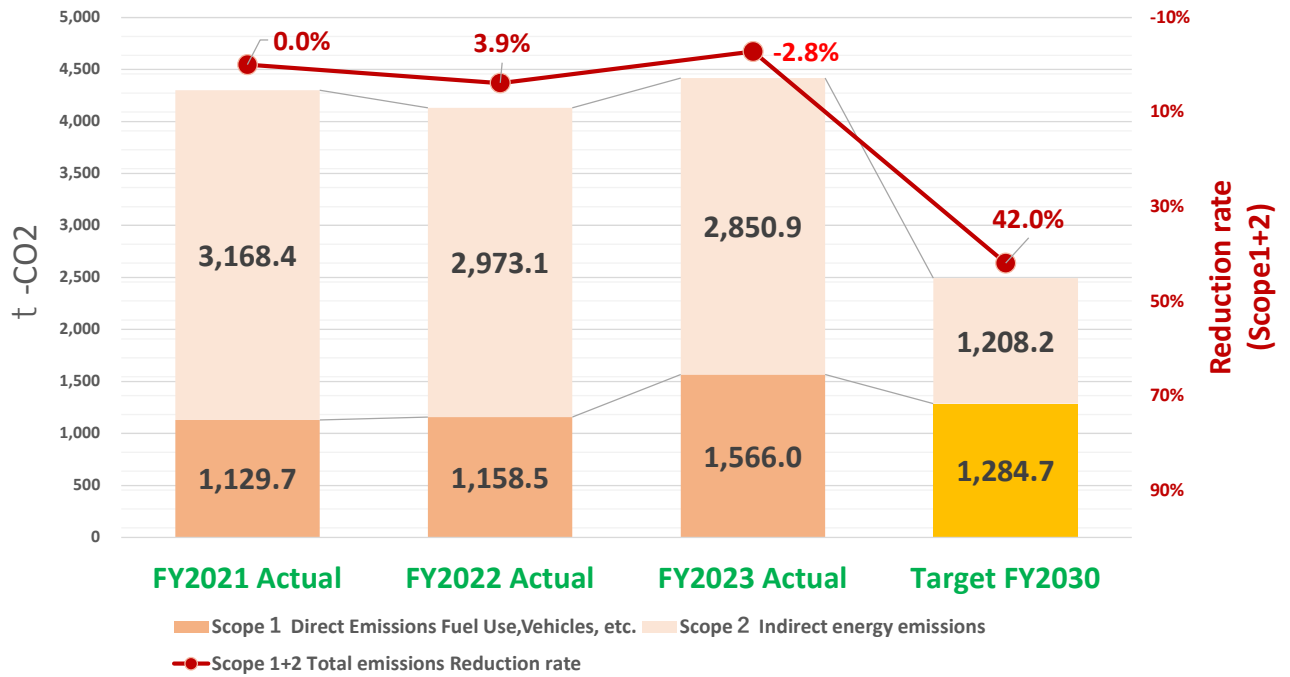
**Summary :** Graph 1. In the actual GHG emissions for FY2023, Scope 3 Category 5 "Purchased Products" accounts for 70% of the total emissions, and it is difficult to drastically reduce these emissions due to the high cost of raw materials used in our pharmaceutical production.

Graph 2: Scope 2 "Electricity" reduced 122.2 t-CO2 compared to last year, while Scope 1 "Direct Emissions" increased 407.5 t-CO2. This is mainly due to an increase in LPG consumption by 22.4% over the previous year as our manufacturing plant's operating rate increased from last year.

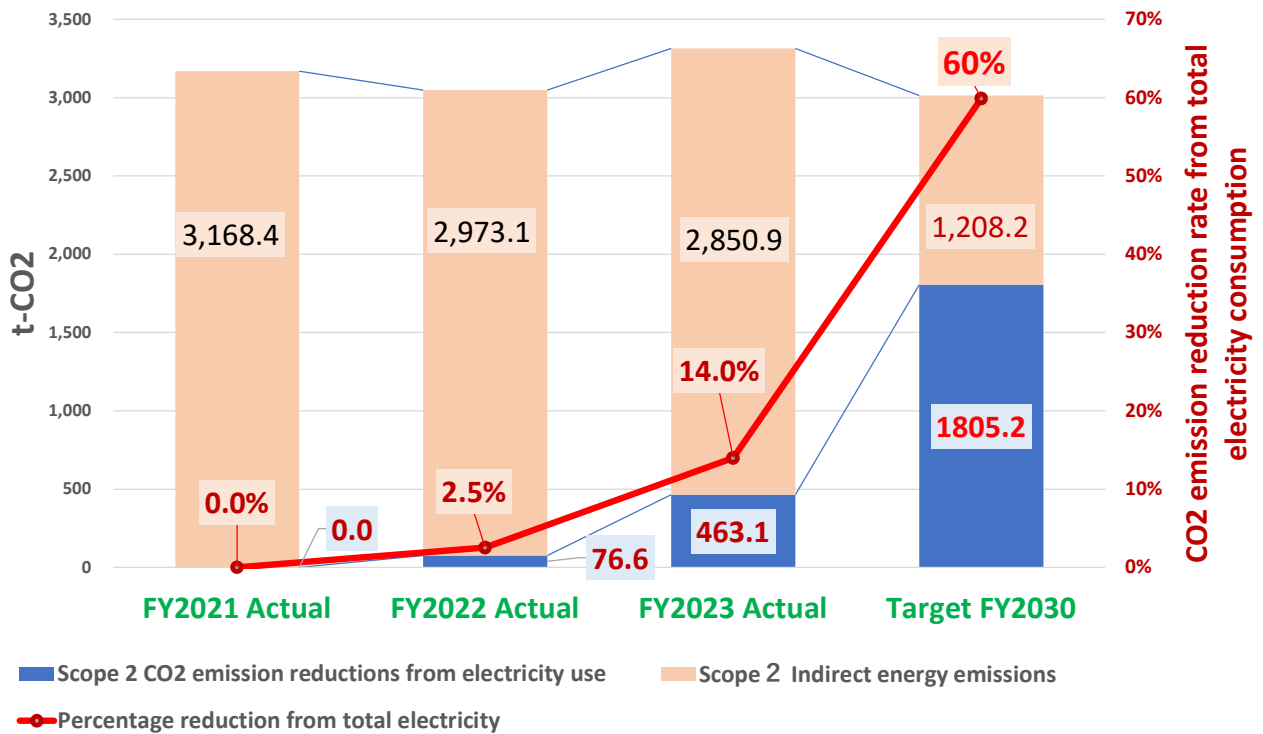
\*Against the "Scope 1+2 total emission reduction target of 42%," the actual result this year was -2.8% (GHG emissions increased)  
 Graph 3: Regarding reduction measures for Scope 2 "Electricity," GHG emissions were reduced by 463.1 t-CO2 through the operation of solar panels and the introduction of eco plans by electricity suppliers. 14.0% of the reduction in Scope 2 was achieved. We will promote similar reduction measures in the coming year and beyond.

\*Actual reductions: Photovoltaic panels (21.2 t-CO2: 0.7% reduction), Eco Plan (441.9 t-CO2: 13.3% reduction)  
 Graph 4: For Scope 3, Category 1, "Purchased products (raw material costs)," emissions were reduced due to reductions in raw material costs for some pharmaceutical products. Category 5 "Waste" emissions increased due to an increase in the operation rate of our manufacturing plant. We will continue to check the trend of Scope 3 emissions and consider measures for reduction.  
 \* Actual change: Reduction of 9127.2 t-CO2 in raw material cost and increase of 790.7 t-CO2 in waste.

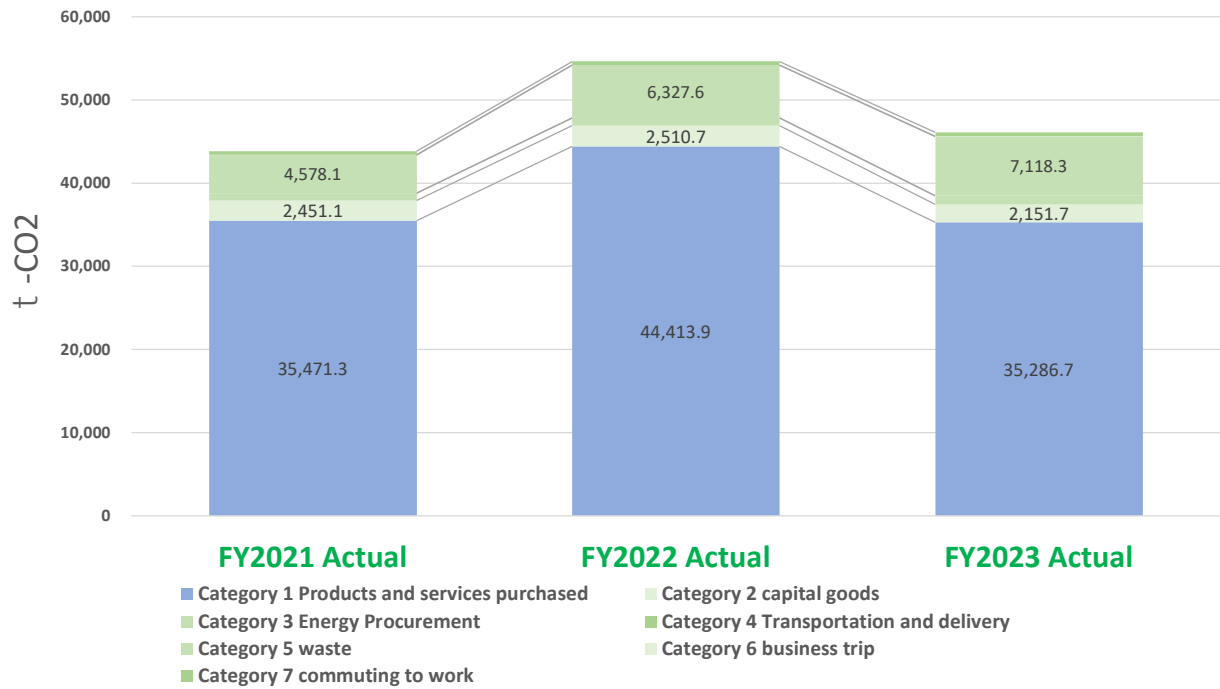
**Graph 2. Scope1+2 GHG emissions**



**Graph 3: Scope 2 (CO2 emission reductions in electricity use)**



### Graph 4. GHG emissions (Scope3)



## GHG emissions Historical results (FY2021-23)

(Unit: t-CO2)

			FY2021 Actual	FY2022 Actual	FY2023 Actual	Target FY2030	Calculation Method
Scope 1	Direct Emissions	Fuel Use, Vehicles, etc.	1,129.7	1,158.5	1,566.0	1,284.7	Fuel consumption under the Act on the Rational Use of Energy, own vehicles
Scope 2	Indirect energy emissions		3,168.4	2,973.1	2,850.9	1,208.2	Energy Conservation Law Purchased Electricity
Scope 1+2 Total emissions			4,298.1	4,131.7	4,416.9	2,492.9	
Scope 1+2 Total emissions Reduction rate			0.0%	3.9%	-2.8%	42.0%	
Scope 3	Category 1	Products and services purchased	35,471.3	44,413.9	35,286.7		Purchased raw material costs
	Category 2	capital goods	2,451.1	2,510.7	2,151.7		Depreciation and amortization
	Category 3	Energy Procurement	863.2	918.4	1,032.3		Purchased Electricity
	Category 4	Transportation and delivery	10.6	9.0	15.8		In-house raw material delivery and shipping delivery
	Category 5	waste	4,578.1	6,327.6	7,118.3		Weight by waste type
	Category 6	business trip	30.2	30.2	32.8		Number of Employees
	Category 7	commuting to work	419.2	419.2	456.6		Number of Employees
Scope 1+2+3 Total emissions total amount			48,121.9	58,760.6	50,510.9		
<b>GHG emission reduction measures</b>							
Scope 2 CO2 emission reductions from electricity use			0.0	76.6	463.1	1805.2	
Percentage reduction from total electricity			0.0%	2.5%	14.0%	60%	