

# Assessment of Greenhouse Gas Emissions from Product Transportation



Fujitsu Limited works to lessen our environmental impact along the supply chain for our server(SV) products.

In FY2023, our emissions from product transport decreased by more than 22% compared to FY2022 as shown in the table below, which details the emissions from product transport for SV products. The main reason is a decrease in sales volume.

Since we have already achieved the target set in FY2022 (i.e., a 10% reduction by FY2030), we have set a new goal to reduce our emissions from product transport by 10% from the value in FY2023 by FY2030, as shown in the table below.

Our assessment of emissions includes well-to-wheel GHG emissions from all modes of freight transport utilized (road, air, sea and rail - our company does not transport through inland waterways). All emissions were calculated using the Global Logistics Emissions Council Framework for Logistics Emissions Methodologies (GLEC Framework).

**Boundary of emission calculation:**

Transportation routes of SV products (from FY2022) for the commercial market, from manufacturing bases in Europe and Japan.

**Calculation approach:**

The tonne-kilometer method and fuel-based method.

**Products included in calculation:**

Both client computing device (CCD) and SV products were included in the calculation made last year. However, only SV products are included in the calculation of emissions from product transport in the table below, except in cases where data for CCD and SV products are inseparable, in which case CCD products are also included.

**The source of CO2e intensity factors:**

Global Logistics Emissions Council Framework for Logistics Emissions Accounting and Reporting Version 3.1

**Table\*c: Emissions from Product Transport (metric tons-CO2e) for SV products (tonne-kilometer method and fuel-based method)**

Mode	FY2022	FY2023	*a	grams of CO2e per tonne-km FY2022	grams of CO2e per tonne-km FY2023
Road	4738	3788		468,4	477,2
Air	2107	1440		898,3	917,5
Sea	0	0		0	0
Inland waterways	-	-		-	-
Rail	4	5		15,2	14,4
Total	6850	5233	@, *b	468	477

<Notes>

\*a: The period of the fiscal year is from April 1 to the following year March 31. e.g. FY2022 : April 1, 2022 ~ March 31, 2023.

\*b: Transportation of all products shipped from SV products manufacturing bases and the warehouses where SV products are brought, are included. GHG emissions in FY2022 are revised retroactively based on the above "Products included in calculation."

\*c: GHG emissions quantification is subject to uncertainty when measuring activity data, determining emission factors, and considering scientific uncertainty inherent in the Global Warming Potentials.

@: These are results for absolute GHG emissions which are assured by the third-party.

**Contact**

Fujitsu Technology Solutions GmbH  
 Mies-van-der-Rohe-Straße 8  
 80807 Munich  
 Germany

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