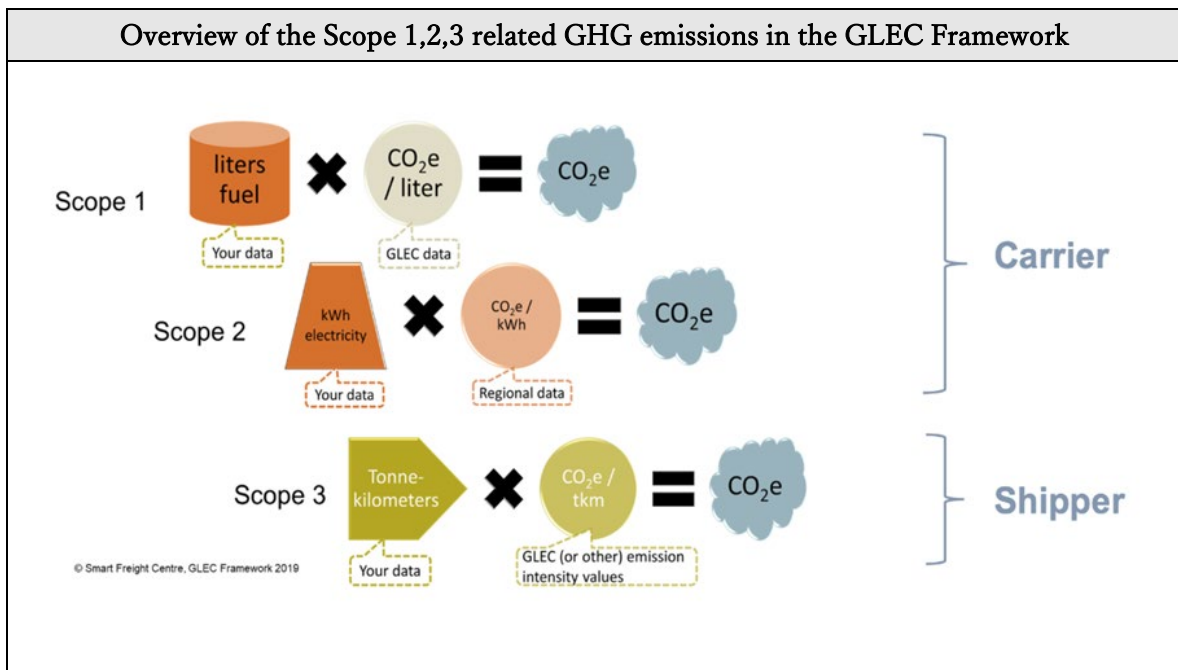


**Greenhouse Gas (GHG) Emissions Report**  
**Global Logistics Emissions Council (GLEC) Framework**

This GHG calculation result for a Panasonic Connect includes both note PCs (FZ-40) and tablets (FZ-G2) shipped for delivery to the USA and Canada market from manufacturer in Taiwan. The two main modes of transport used are road and air.

This declaration covers emissions from Panasonic Connect’s outbound logistics, is considered as the shipper, therefore excluding Scope 1 and Scope 2 emissions. (No vehicle used for outbound logistics is owned by Panasonic Connect.) As detailed in the GLEC Framework, Scope 3 emissions are calculated based on the total distance travelled, the total quantity of products shipped, and the weight of the products (including their respective packaging and pallets). Storage and transshipment between transport stages are also included.

In this declaration, the Volume information (total quantity of product shipped and the weight of the product) was provided from Panasonic Connect internal measurement. The distance travelled for Air transport was calculated by using the GCD (Great Circle Distance). For road transport, the SFD (Shortest Feasible Distance) was used distance between the departure location and the arrival location.



The declaration using the GLEC Framework v2.0 including well-to-wheel (WTW) GHG emissions shall be declared is following:

<b>GLEC declaration for Panasonic Connect Co., Ltd: Outbound transportation to resell in the USA &amp; Canada of electronic products (Laptops FZ-40 &amp; Tablets FZ-G2)</b>	
<b>Coverage of reporting</b>	Outbound transportation to resell in the USA & Canada of Note PC and Tablet (Laptops FZ-40 & Tablets FZ-G2)
<b>Year</b>	Japanese fiscal year 2022 (April 1st 2022 to March 31st 2023)
<b>Total WTW GHG emissions</b>	675,605 kgCO <sub>2</sub> eq
<b>Scope 3</b>	675,605 kgCO <sub>2</sub> eq
<b>Air transport</b>	98.69% (666,734 kgCO <sub>2</sub> eq)
<b>Rail transport</b>	0.00% (0 kgCO <sub>2</sub> eq)
<b>Road transport</b>	1.22% (8,259 kgCO <sub>2</sub> eq)
<b>Sea transport</b>	0.00% (0 kgCO <sub>2</sub> eq)
<b>Logistics</b>	0.09% (612 kgCO <sub>2</sub> eq)
<b>Coverage</b>	97% of all shipments in 2022 of the two target products (Laptops FZ-40 & Tablets FZ-G2) Exclusions as 3% are linked to several small-scale shipments to several different destinations.
<b>Input data sources</b>	Air and road: 100% default data
<b>Data verification</b>	Data has been independently verified by a 3rd party



29 September 2023

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## Third-party verification report

**SuMPO conducted a third-party verification of greenhouse gas (GHG) emissions from the outbound logistics to resell Note PC and Tablet (Laptops FZ-40 & Tablets FZ-G2) in the USA & Canada, produced by Panasonic Connect Co., Ltd.**

**The draft and final calculations, evidence and disclosure are reviewed in reference to the requirements of the Global Logistics Emissions Council (GLEC) Framework Version 2.0.**

**It is assured that the data for the GLEC declaration was calculated according to GLEC Framework Version 2.0.**

### **Summary of qualifications:**

**Sustainable Management Promotion Organization (SuMPO) has:**

- more than 20 years of experience in LCA including carbon impacts of transportation
- more than 70 LCA experts' network
- been operating Carbon Footprint (CFP) and Environmental Products Declaration (EPD) program in Japan for over 20 years

**Takehisa KABEYA, Representative Director  
Sustainable Management Promotion Organization**