

2023 Product Transport Emissions Report

To whom it may concern in EPEAT-CCM-2023 4.1.3 Product transport carbon footprint and goal

This document provides clarification on the publicly reported greenhouse gas emissions from the transport of the final product for 2023, covering all modes of freight transport utilized (road/rail, air, and hub) from the point of final product assembly to the customer or transfer of product ownership.

The transport emissions results were calculated using the Global Logistics Emissions Council (GLEC) Framework and the well-to-wheel methodology, and have been third-party verified with reasonable assurance in September 2024.

Calculation basis

Period of Metrics	2023/01/01 through 2023/12/31
GHG Emission Reporting Scope	The EPEAT-registered product transport GHG emissions (The GHG emissions assessed include well-to-wheel GHG emissions from the transport of the final product from the point of final product assembly to the customer or transfer of product ownership.
Analysis Method	Global Logistics Emissions Council Framework (GLEC Framework) for Logistics Emissions Accounting and Reporting, Ver. 3.0
Consolidation methodology	Operational Control
Accounting for Fuel Emissions	Well-to-wheel emissions (WTW)
GHG Sources	Fuel and energy consumption (Road/Rail, Air and Hub)

Total Well-to-Wheel (WTW) Emissions by Mode (Tonnes CO2e)

Year / Mode	Road/Rail (tonnes CO2e)	Air (tonnes CO2e)	Hub (tonnes CO2e)	Total (tonnes CO2e)
2023	2,008.003	1,013,827.024	117,926.775	1,133,761.802

Reduction Goal of Product Transport GHG Emission Intensity

In 2023, we have started to conduct an assessment of GHG emission from product transport, and have set a goal to reduce GHG Emission intensity from product transport by 5% by 2030, compared to the base year 2023. Detailed information on the calculated metrics is provided below.

Calculated Metrics :

- a. Product Transport GHG Emission Intensity— Using the following the formula and has units of tonnes CO2e/US\$ of revenue

$$\text{Product Transport GHG Emission Intensity} = \text{Product Transport GHG Emissions} / \text{US\$ of Revenue}$$

- b. Product Transport GHG Emissions Intensity % Reduction/Change — Using the following formula and has units of percentage (%) change from the base year (2023)

$$\text{Intensity Reduction/Change (\%)} = (\text{Product Transport GHG Emissions Intensity} / \text{2023 Product Transport GHG Emissions Intensity} - 1) \times 100 \%$$

Annual Product Transport GHG Emissions Intensity Data Table

Reporting Year	2023 (baseline)
Revenue (US\$)	361,619,442.231
Product transport GHG emission (tonnes CO2e)	1,133,761.802
Product transport GHG emission intensity (tonnes CO2e/US\$ of revenue)	0.0031
Product Transport GHG Emissions Intensity % Reduction/Change compared with 2023 (%)	NA (1st year)