

Repository of CO2 Emission Calculators

	Modes of Transport	Notes/Comments	Website
CN	Ocean, Rail, Road	Our transportation supply chain Carbon Calculator is a flexible, powerful tool. In just a few simple steps, get the estimated carbon emissions for the entire transportation of your shipment, from vessel to rail to truck.	Carbon Calculator cn.ca
CP	Rail	This carbon emissions calculator is a tool designed by CP to help users estimate the greenhouse gas (GHG) emissions of freight by CP rail transportation plus truck drayage and the potential GHG emission reductions and savings users may potentially achieve by switching from long-haul trucking to CP rail transportation plus truck drayage.	Carbon Calculator - Canadian Pacific Corporate Sustainability Report (cpr.ca)
Carboncare	Air, Ocean, Rail, Road	The most comprehensive CO2 emissions calculator for transport and logistics by air, rail, road, sea and navigable waterways. Worldwide coverage with additional options for CO2 calculations for warehouse handling and for cool cargo.	Calculator - CO2-CALCULATOR (carboncare.org)
EcoTransit World	Air, Ocean, Rail, Road	EcoTransIT World (ETW) is the world's most widely used software for the automated calculation of energy consumption, greenhouse gas emissions, air pollutants and external costs.	EcoTransIT World - Emissionsrechner

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ICAO	Air	The ICAO Carbon Emissions Calculator allows passengers to estimate the emissions attributed to their air travel. It is simple to use and requires only a limited amount of information from the user.	ICAO Carbon Emissions Calculator
LogEC	Ocean, Road	LogEC helps you focus on and improve sustainability by enabling you to calculate and analyze the footprint of your shipments. LogEC calculates the emissions for CO2 and CO2e. It offers the most accurate information and the highest level of detail, automatically calculating emissions for every shipment.	LogEC – Logistics Emissions Calculator BearingPoint Suisse
Sustainable Freight	Ocean, Road, Warehouse	To help companies analyse their fuel and electricity costs, emissions and opportunities Sustainable Freight has developed a series of calculators to help you identify opportunities across a range of sectors.	Emission Calculators Sustainable Freight

Disclaimer: CIFFA has collected the above online resources for the information of its members. This is an informal collection of tools/resources which CIFFA advises its members to look at, but does not take responsibility for the accuracy of the data. It remains at the members discretion to ensure that they use officially approved calculators, so kindly take this as a guide. (November 11, 2022)