



CarbonCare is one of the newest and most comprehensive CO2 emission calculators for all modes of transportation worldwide.

Global coverage

including complex countries

UNLOCODE and IATA

codes with enriched information

Accurate and reliable

data from a single provider

Global postal code data, updated weekly.

[Try our data](#)

Reducing carbon emissions with reliable CO2 calculations



“With dedicated integration assistance and support, GeoPostcodes ensured a smooth data integration in our platform. Having highly accurate data is essential for calculating mileage and CO2 emissions, especially for road and truck transport.”

DR. PETER WILD
Managing Partner, CarbonCare

Challenge

CarbonCare faced issues with unreliable postal codes from previous data providers, especially in complex countries such as Turkey, Thailand, or Pakistan. This lack of precise location data made CO2 calculations less accurate, impacting their ability to deliver consistent emissions data.

Solution

GeoPostcodes’ postal database, enhanced with UNLOCODES, IATA codes, and high-resolution coordinates, provided them with the level of accuracy to calculate mileage and CO2 emissions for multi-modal transportation including road, sea, air, and ferry transportation.

Results

CarbonCare has significantly enhanced the accuracy of their emission calculations, strengthening their reputation in the CO2 reporting industry, and positioning them as a trusted source for climate action.

Transport Chain Element (TCE)	Shipment Infos (5992705)	
	TONNES	KM
*ROAD	1	240.57
**RAIL	1	799.64
HUB	1	0

Transport Chain Element (TCE)	Total CO2 _e emissions (kg)		
	TOT	OPS	ENE
ROAD	117.28	99.4	17.88
RAIL	10.77	3.33	7.44
HUB	0.95	0.62	0.32

Transport Chain Element (TCE)	TCE activity	
	TKM	TONNES
ROAD	240.57	-
RAIL	799.64	-
HUB	-	2