



Online calculator for measuring and compensating
Greenhouse Gas Emissions
Worldwide from Logistics & Transport
AIR – RAIL – ROAD – SEA – IWW – FERRIES
Option for cool cargo (AIR, ROAD, SEA)

**Raise awareness and transparency in the transport and logistics sector –
together for a better climate**

www.carboncare.org

Customer Service

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Fighting global warming by providing full CO₂e transparency

Calculations according to ISO norm 14083:2023

ISO has created a comprehensive rulebook with the definition of the new norm covering the transport of goods. CarbonCare has chosen this standard as basis for its calculations.

Why CarbonCare

- Comprehensive and validated global emissions calculator acc.to ISO 14083:2023
- Based on GIS (open-source Geographic Information Systems) with over 17 million regularly updated and effective measured values
- Covering all transport modes and hub/terminal handling worldwide plus COOL cargo option
- Results available and stored as CO₂e (incl. equivalents of other emissions etc.) with TOTAL, OPERATIONS and ENERGY PROVISION in kgs plus Emission Intensity in gr/tkm
- Offering different types of licences for various stakeholders, such as shippers, forwarders, carriers, supply chain transparency platforms, etc.

Inform

Our webpage explains how CO₂e emissions from logistics chains are generated, how they are calculated and how greenhouse gas emissions can be reduced

Reduce

Through full transparency of CO₂e emissions, companies can formulate and implement corrective measures

Calculate

Automated calculations and storage of greenhouse gas values allowing comparison of emissions generated by various transport modes

Analyse

The “analytics & data storage” application provides detailed analyses and reports for better understanding of the own CO₂e-footprint

Certify

Issuance of a yearly “Emission Certification” for licenced companies with the CO₂e values for each transport mode

Offset

Interested companies have direct access to various climate protection projects in gold/ZEW standard of our partner organisations

Validated by SGS – the world’s leading testing, inspection and certification company

The standard, calculation methods and emission factors used in our calculator are based on the ISO 14083:2023. Conformity with this norm and the accuracy of the calculated values regarding distances and routes, as well as the correct application of the emission factors for the various modes of transport were analysed and validated by specialists. On top, the Swiss Federal Department of the Environment, Transport, Energy and Communications examined the whole approach and calculation principles.

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CarbonCare Emissions Calculator

for free online calculations on the internet

850

Weight of shipment in (kg)

Cool cargo

Cargo handling

Bern, Kanton Bern, Schw...

Flughafen Zürich, Flugha...

ZRH Zurich - Zurich, Swit...

JFK John F Kennedy Intl -...

ADD ROUTE

REMOVE ALL ROUTES

Resultat

Emission values

CO₂e 4953.55 kg (TTW)

CO₂ 4889.96 kg (TTW)

CO₂e 6060.57 kg (WTW)

Transport distance

6502 km

Compensating

Would you like to offset CO₂ emissions via myclimate?

COMPENSATE

www.carboncare.org

Licences and Services

for licenced companies

CarbonCare offers the following licences for professional use by companies. The current applicable prices are published on www.carboncare.org.

Type of Licence	BASIC	BUSINESS	PLATFORM
Customer segments	Shippers, Forwarders, Logistics Companies	Shippers, Forwarders, Logistics Companies	Solution Providers, e-platforms
Data transfer	via EXCEL / FTP	via XML / API	via XML / API
Frequency of exchange	Monthly/quarterly	Online	Online
Calculation basis	ISO 14083:2023	ISO 14083:2023	ISO 14083:2023
Data Transfer to calculator	✓	✓	✓
Automated calculation	✓	✓	✓
Upload results to mycarboncare	✓	✓	✓
Upload results to clients' system		✓	✓
Climate projection projects	✓	✓	✓
Emission certification per year	✓	✓	✓

The following value-added options are available.

FLEET VALUES	Calculation of specific CO ₂ emission intensity factors of own fleet
ANALYTICS & DATA STORAGE	For central data storage & detailed analyses and reports
CLIMATE PROTECTION PROJECTS	For investments in projects leading to reduced emissions
VALIDATION	Validation of self-determined CO ₂ emission data by companies

All services and options available from **ONE SINGLE SOURCE!**

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