

PRODUCT DESCRIPTION:

Shipping Emissions Reduction Application

The Shipping Emissions Reduction Application is designed for sustainability teams that need to report and track their emissions against targets and supply chain teams that need visibility into carbon-emission hotspots within their shipping logistics.

The Application allows teams to trigger operational actions as well as inform strategic decisions to reduce emissions and quantify those reductions.

The Application utilizes the ClimaTiq Carbon Intelligence API to calculate emissions in accordance with the Global Logistics Emissions Council (GLEC) Framework.

The Application

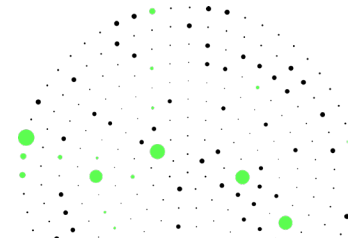
1. calculates transport carbon emissions using emission factors that are applied to shipping data within the customer's SAP ERP system(s);
2. enables identification and quantification of key emission hotspots, such as inefficiencies in business processes and transport routes; and
3. suggests actions, such as alternative modes of transport, that may reduce carbon-intensity.

The Celonis Shipping Emissions Reduction Application passes to ClimaTiq, via each API call, the following data about a shipment:

1. Origin location
2. Destination location
3. Shipment weight
4. Mode of transport

The API call will, in turn, return back the calculated carbon emissions for that shipment. Some caching will apply within the Application for distinct routes and shipment types in order to avoid API calls where unnecessary.





You will have a unique Climated API access token but customer identity is not shared with Climated.

The Climated API token allows for an unlimited number of calls to the Climated calculation engine, but is valid only for use for transportation emission calculations made from within the Celonis EMS and/or associated Celonis business applications, and is only operable with an active subscription to the Shipping Emissions Reduction Application.

METRIC DESCRIPTION:

The Shipping Emissions Reduction Application is an incremental add-on to EMS Standard or Premium, and priced based on quantity of Annual Shipments.

An “Annual Shipment” means an individual record (uniquely identified by its shipment number) related to transportation containing attributes such as final departure country, final departure city, arrival country, arrival city, transport mode and shipment date (creation date of the shipment in the system), in a contractual year.

The Annual Shipments processed in the Shipping Emissions Reduction App can be outbound shipments (from the customer to its customers), inbound shipments (to the customer from its suppliers) or intercompany shipments (in between customer facilities).

The amount of processable Annual Shipments is defined in the applicable Order. This amount is the maximum number that the Customer can consume in each subscription year. The total amount of Annual Shipments that are going to be considered for calculations is the total number that goes through the Shipping Emissions Reduction App.

