

PRODUCT DESCRIPTION:

Material Emissions Application

Designed for both sustainability teams that need to report and track their emissions against targets as well as procurement teams that need visibility into carbon-emission hotspots within their procured materials.

The Material Emissions Application (the “App”) allows teams to map procured material emissions, trigger operational actions from within Celonis, as well as inform strategic decisions to reduce emissions and quantify reductions.

The App utilizes Climatiq’s API to calculate emissions in accordance with the GHG Protocol.

The Application:

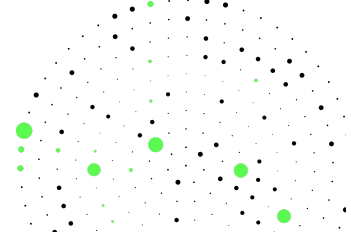
1. calculates carbon emissions of procured materials by using material data within customer’s SAP ERP system(s) and certified emission factors;
2. enables identification and quantification of key emission hotspots, such as inefficiencies in business processes and procurement practices; and
3. suggests actions such as alternative suppliers of materials that may reduce the carbon-intensity of such material.

Using the App, users can pass to Climatiq via each API call the following data about a material:

1. Material Description
2. Supplier Region/Country
3. Other information that helps identify the material (e.g. custom tariff numbers)

The API call will, in turn, return the carbon emission factor for that material. Caching will apply within the Application for distinct materials and locations in order to avoid API calls where unnecessary.





Users will receive a unique Climatiq API access token that connects to their material mapping environment in Climatiq.

The Climatiq API token is valid only for use for material emission calculations made from within the Celonis platform and/or associated Celonis business applications and is only operable with an active subscription to the Material Emission Application.

The applicable metric definitions can be found in the [Celonis Metrics Description for OCPM Infrastructure](#).