

How to Decarbonize Your Products

There is growing pressure to disclose the carbon impact and chemical composition of products from consumers, suppliers, and policymakers. Product carbon — often referred to as embedded carbon — is the total amount of carbon emitted to make your product.

STEPS TO DETERMINE PRODUCT CARBON

Map out the life of your product

There are three categories of products: commodities, components, and finished products. Mapping out the product’s evolution identifies where you need to collect data.

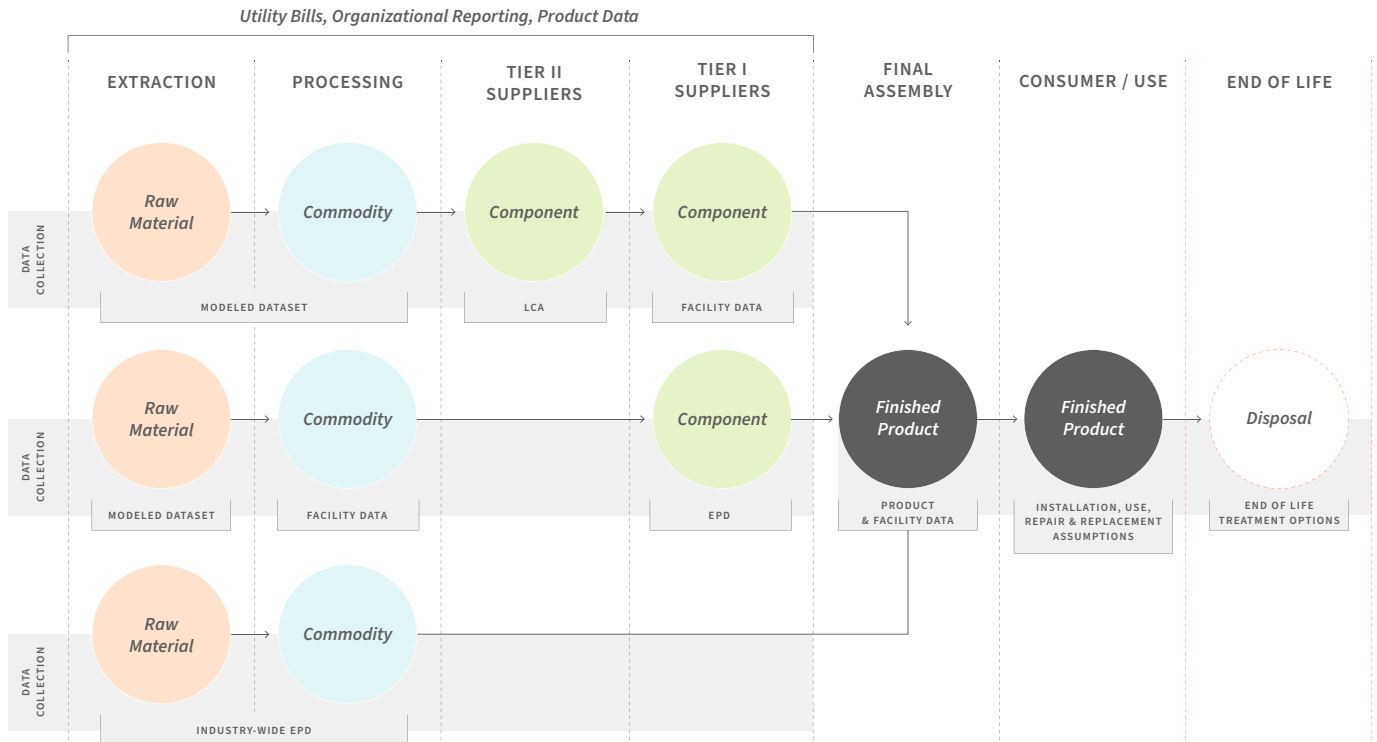
Collect data from supply chain

Primary data is preferred, but, normalized datasets can be used when primary data is unavailable. The more primary data, the more accurate the final calculation.

Aggregate data and calculate the carbon impact

This step will provide you with a final emissions amount per product.

LIFE OF A PRODUCT



WHAT CAN YOU DO WITH THIS INFORMATION?

Design for Impact

With this data, you can make carbon-informed decisions in the product design phase by choosing less carbon-intensive materials.

Pursue an Environmental Product Disclosure (EPD)

EPDs are third-party verified disclosures about a product's impact. They can be used to validate your product in pursuit of a standard, share with your supply chain, or meet regulatory requirements.

Achieve a Product Certification

Product certifications highlight sustainable attributes about your product, making it easier for your customers to find products that align with their values and goals.



We're here to help!

[Chat with Mike](#) about how we can help build a sustainability roadmap for your company.

Want to learn more?

Explore our resource library to dive deeper into decarbonizing your products:



ARTICLES

- > [*The Difference Between Product & Corporate Carbon*](#)
- > [*Do you know the carbon impact of your product?*](#)



CASE STUDIES & SERVICES

- > [*Life Cycle Assessments*](#)
- > [*Chemical Management*](#)
- > [*Green Product Certification & Standard Management*](#)



MICROVLOGCAST VIDEOS

- > [*The Impact of Product Data*](#)



FORESIGHT FORUM WEBINARS

- > [*How to Decarbonize Your Products*](#)