



SUPPLY CHAIN EMISSIONS CHECKLIST

A checklist for sustainability professionals to monitor and assess the carbon footprint of their organization's supply chain activities and locations.



The Supply Chain Emissions Checklist guides sustainability managers through the process of identifying the materials and products used and sold by the company, estimating the emissions from the production, transportation, and disposal of these materials and products, and comparing the supply chain emissions to the company's emissions reduction goals.

By following this checklist, sustainability managers can ensure that their company's supply chain is aligned with its sustainability goals and is contributing to a low-carbon future.

1 IDENTIFY THE MATERIALS AND PRODUCTS USED AND SOLD BY THE COMPANY

- ◆ List all materials and products, including raw materials, intermediate products, and finished goods.
- ◆ Determine the sources and origins of each material and product.
- ◆ Estimate the quantities of each material and product used and sold.

2 ESTIMATE THE EMISSIONS FROM THE PRODUCTION OF MATERIALS AND PRODUCTS

- ◆ Identify the processes used to produce each material and product.
- ◆ Estimate the emissions from each process, including emissions from energy use, transportation, and waste.
- ◆ Sum the emissions from all processes to calculate the total emissions from the production of each material and product.

3 ESTIMATE THE EMISSIONS FROM THE TRANSPORTATION OF MATERIALS AND PRODUCTS

- ◆ Identify the modes of transportation used for each material and product.
- ◆ Estimate the emissions from each mode of transportation, including emissions from fuel consumption and other sources.
- ◆ Sum the emissions from all modes of transportation to calculate the total emissions from the transportation of each material and product.

4 ESTIMATE THE EMISSIONS FROM THE DISPOSAL OF MATERIALS AND PRODUCTS

- ◆ Identify the disposal methods used for each material and product.
- ◆ Estimate the emissions from each disposal method, including emissions from incineration, landfilling, and other processes.
- ◆ Sum the emissions from all disposal methods to calculate the total emissions from the disposal of each material and product.

5 SUM THE EMISSIONS FROM PRODUCTION, TRANSPORTATION, AND DISPOSAL TO CALCULATE THE TOTAL EMISSIONS FROM THE SUPPLY CHAIN

- ◆ Add the emissions from each stage of the supply chain to calculate the total emissions for each material and product.
- ◆ Sum the emissions for all materials and products to calculate the total emissions from the company's supply chain.

6

COMPARE THE SUPPLY CHAIN EMISSIONS TO THE COMPANY'S EMISSIONS REDUCTION GOALS

- ◆ Review the company's emissions reduction goals and targets.
- ◆ Compare the total emissions from the supply chain to the emissions reduction goals and targets.
- ◆ Identify areas where the company is exceeding its goals and targets, and areas where additional action is needed to meet them.

7

DEVELOP AND IMPLEMENT STRATEGIES TO REDUCE SUPPLY CHAIN EMISSIONS

- ◆ Identify opportunities to reduce emissions from the production, transportation, and disposal of materials and products.
- ◆ Develop and implement strategies to reduce emissions, including sourcing more sustainable materials and products, improving transportation efficiency, and reducing waste.
- ◆ Monitor the impact of these strategies on the company's supply chain emissions, and adjust as needed to achieve the company's emissions reduction goals.

Net0 is an emissions management platform that helps large businesses to record, analyze, and reduce supply chain emissions. The platform provides a comprehensive suite of tools for tracking and evaluating the carbon footprint of a company's supply chain. Net0 also offers a vendor outreach program, which allows businesses to transparently communicate with vendors and collect data from them to improve the accuracy of their emissions measurements. This program can help businesses to identify and prioritize opportunities to reduce emissions in their supply chain, and to track their progress towards achieving their sustainability goals.

