

html

Product Carbon Footprint Dashboard

carboncalcpcf.com

Product: yqzqrqhjir

Total PCF:

34.63 kg CO2e

Total Footprint

34.63

kg CO2e per unit

Primary Emission Hotspot

Use Phase

82.58% of positive emissions

Primary Emission Scope

Scope 3

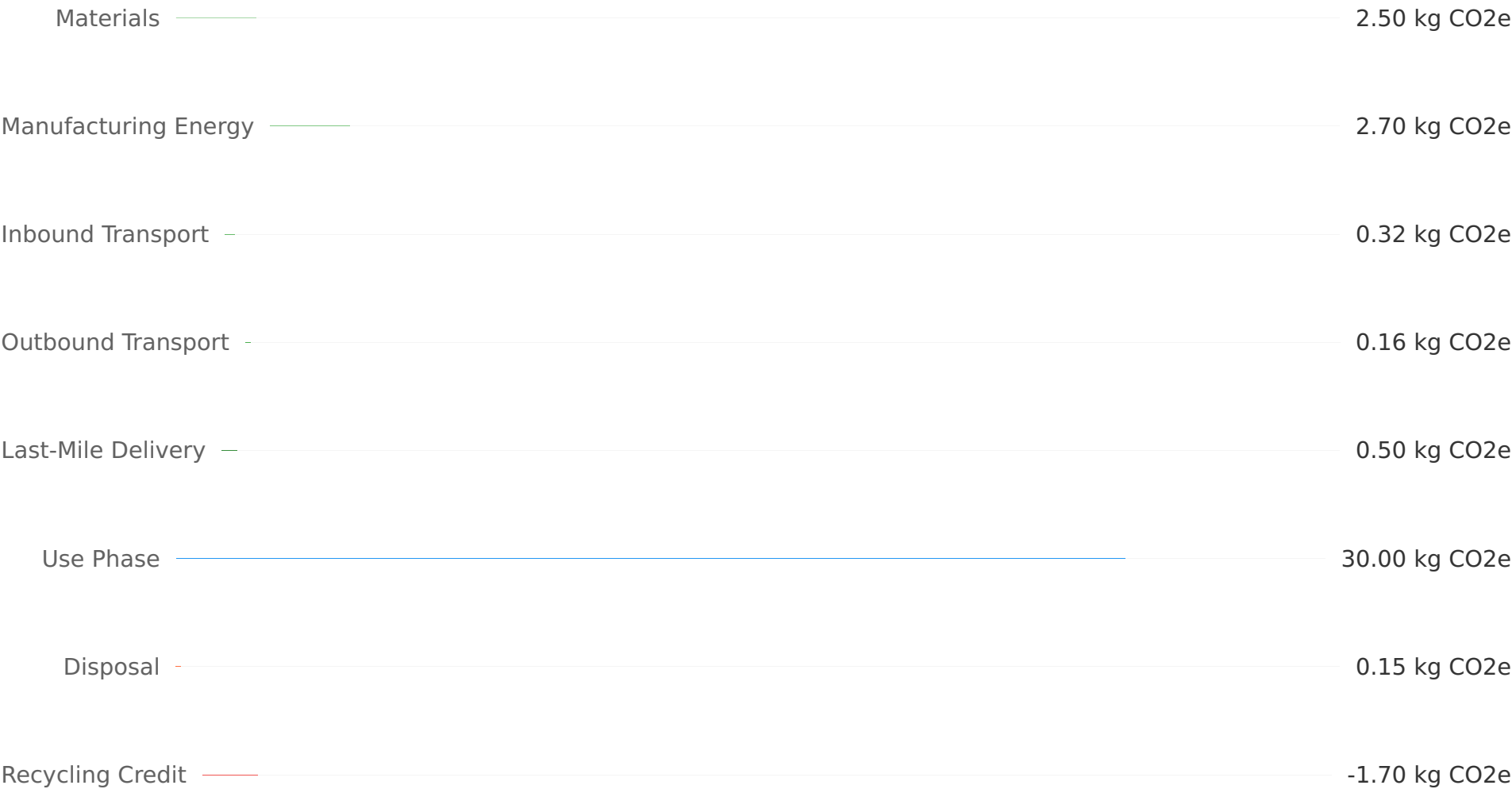
92.21% of total PCF

Renewable Energy Used

70%

in Manufacturing

Lifecycle Emission Breakdown



Highlights

- The **Use Phase** is the most significant contributor to yqzqrqhjir's carbon footprint, accounting for 30.00 kg CO2e.
- **Scope 3 emissions** dominate the total PCF, highlighting the importance of value chain decarbonization efforts.
- Strong commitment to sustainability shown by **70% renewable energy usage** in manufacturing and a substantial recycling credit of -1.70 kg CO2e.

How to Reduce Your Footprint

1. **Material Optimization:** Explore materials with lower embedded carbon or increase recycled content beyond 85%.
2. **Use Phase Efficiency:** Focus on product design for reduced energy consumption during the 5-year lifespan.
3. **Supply Chain Engagement:** Obtain specific emission factors from suppliers for accurate Scope 3 calculations.
4. **Logistics Optimization:** Investigate more efficient transport modes and routes to reduce transport emissions.
5. **Enhance Circularity:** Leverage "Advanced Material Recovery Program" to maximize recycling and explore innovative circular business models.