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carboncalcpcf.com

Product Carbon Footprint for "hhzxqetjoo"

Total PCF: 20.92 kg CO2e

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20.92 kg CO2e

Carbon Intensity

17.43 kg CO2e/kg

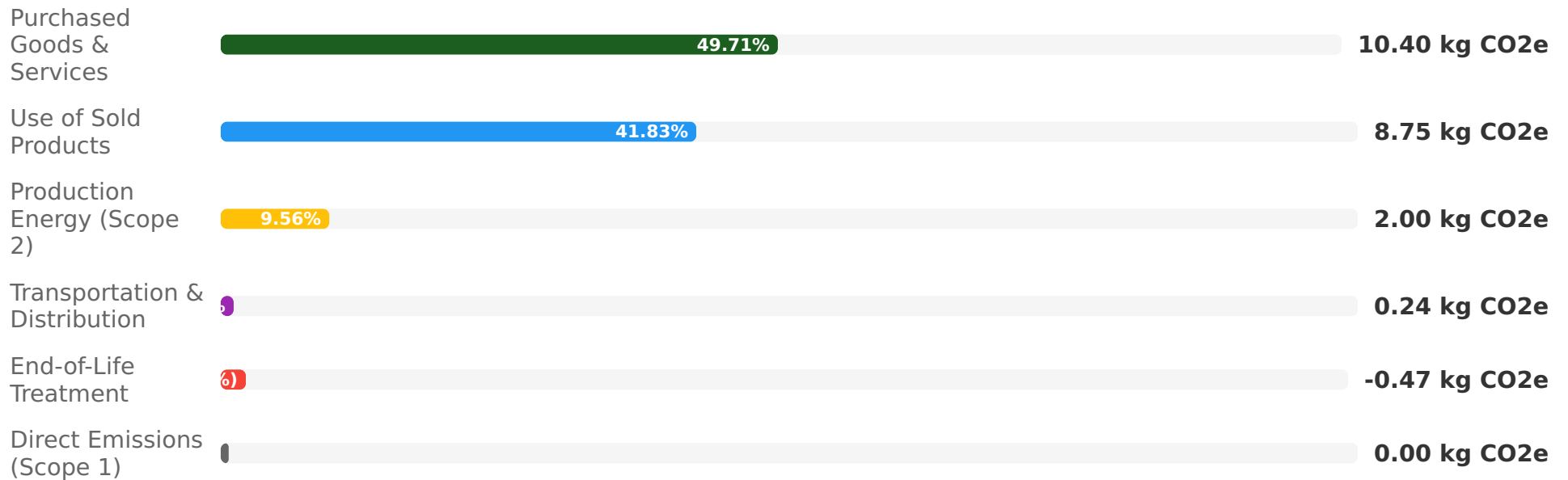
Top Emission Hotspot

Materials (49.71%)

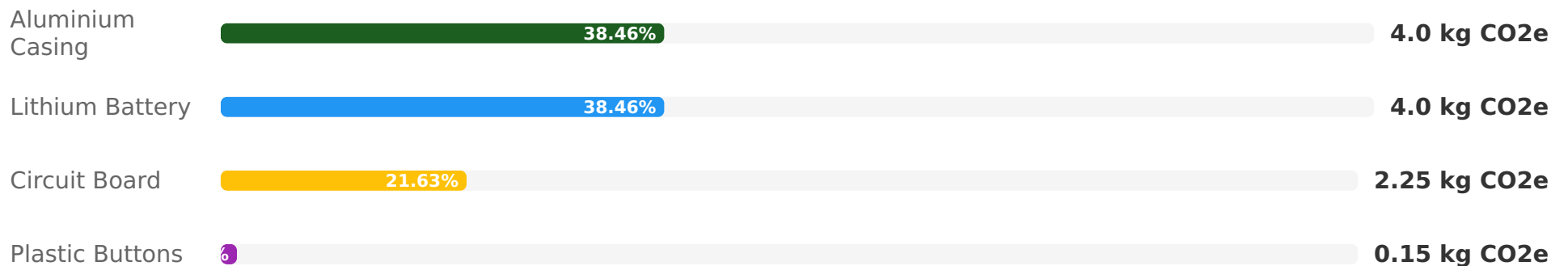
Primary Emission Scope

Scope 3 (90.44%)

Lifecycle Stage Breakdown



Material Carbon Impact



Highlights & Key Insights

- Purchased goods & services (materials) and the use phase are the primary emission hotspots, together contributing over 91% of the total PCF.
- The product exhibits a net carbon removal at the end-of-life stage, attributed to high recyclability (85%) and robust company take-back programs.
- This analysis achieved over 95% coverage for Scope 3 emissions, aligning with the latest 2026 GHG Protocol requirements for comprehensive value chain reporting.

Action Plan: How to Reduce Carbon Footprint

- Engage with material suppliers to acquire primary PCF data, enabling more precise material impact assessments.
- Invest in R&D to enhance product energy efficiency, thereby reducing emissions during the consumer use phase.
- Expand renewable energy adoption in manufacturing operations and encourage supply chain partners to follow suit, targeting Scope 2 and upstream Scope 3 reductions.

Report for hhzxqetjoo by jmdventpgk | Consultant: opnlsuqkfz | Generated: May 20, 2026

Adhering to GHG Protocol Standards.