

I have extracted the necessary data and formulated the structure and styling. The Google searches confirmed that Inter and Roboto are good choices for "modern professional typography" and are available via Google Fonts. I will include a link to Google Fonts in the style block. I'll use a placeholder for the logo as the user didn't provide one, and the `carboncalcpcf.com` site itself doesn't offer one directly in the search results, but the requirement is to use the "branding/vibe". I will simulate it with text and a generic placeholder image if needed, but for now I'll just keep the text branding. One thing to refine in the lifecycle percentages: the report lists "Materials Acquisition & Pre-processing" as Scope 3 Upstream (Category 1), "Manufacturing (Direct - Scope 1)" as Scope 1, "Manufacturing (Purchased Electricity - Scope 2)" as Scope 2, "Upstream Transportation (Raw Materials)" as Scope 3 Upstream (Category 4), "Downstream Transportation (Factory to End User)" as Scope 3 Downstream (Category 9), "Use Phase" as Scope 3 Downstream (Category 11), and "End-of-Life Treatment" as Scope 3 Downstream (Category 12). To present it cleanly as Lifecycle Stage Contribution: 1. Materials Acquisition & Pre-processing (including Upstream Transport): $33.20 + 0.40 = 33.60$ kg CO₂e 2. Manufacturing (S1 + S2): $0.00 + 12.30 = 12.30$ kg CO₂e 3. Downstream Transportation (to End User): 0.80 kg CO₂e 4. Use Phase: 12.50 kg CO₂e 5. End-of-Life Treatment: -5.00 kg CO₂e Total positive contributions (excluding EoL credit): $33.60 + 12.30 + 0.80 + 12.50 = 59.20$ kg CO₂e Now calculate percentages for the *contributing* stages based on this sum: * Materials & Upstream Transport: $(33.60 / 59.20) * 100 = 56.76\%$ * Manufacturing (S1+S2): $(12.30 / 59.20) * 100 = 20.78\%$ * Downstream Transportation: $(0.80 / 59.20) * 100 = 1.35\%$ * Use Phase: $(12.50 / 59.20) * 100 = 21.11\%$ Sum = 100.00% I will display End-of-Life as a separate value with its credit. For "Other Materials" in the Material Carbon Impact: Sum of top 4: $64.01 + 13.55 + 11.93 + 6.02 = 95.51\%$ Other Materials: $100 - 95.51 = 4.49\%$ Looks good.html

carboncalcpcf.com

PCF Dashboard for zseilgkpgm

Company: fxeuwpmxmu | Consultant: puozukupvd | Date: June 4, 2026

Total Carbon Footprint: 54.20 kg CO₂e (Cradle-to-Grave)

Total Product Footprint

54.20 kg CO₂e

Carbon Footprint Breakdown

Lifecycle Stage Contribution (Cradle-to-Grave)

Materials & Upstream Transport	56.76%
Manufacturing (Scope 1 & 2)	20.78%
Use Phase	21.11%
Downstream Transportation	1.35%
End-of-Life (Net Credit)	-5.00 kg CO2e

Material Carbon Impact (Top Contributors)

Aluminium Alloy Sheet	64.01%
Circuit Board (PCB)	13.55%
Recycled ABS Plastic	11.93%
Lithium-Ion Battery Cell	6.02%
Other Materials	4.49%

Key Insights & Hotspots

- **Material Acquisition Dominance:** The sourcing and pre-processing of materials, particularly primary Aluminium Alloy, contribute over half (56.76%) of the total positive cradle-to-grave PCF. This highlights a critical area for intervention.
- **Manufacturing & Use Phase Impact:** Despite 60% renewable energy use, the manufacturing process (Scope 2) and the product's energy consumption during its 5-year use phase each account for approximately 21% of the total contributing footprint, indicating significant operational impacts.
- **Effective Circularity:** The End-of-Life phase demonstrates a net carbon credit (-5.00 kg CO₂e) due to a strong assumed recyclability rate of 80%, showcasing the benefits of robust circular economy initiatives.

